

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028900.D
 Acq On : 12 Nov 2022 01:20
 Operator : SY/MD
 Sample : N5592-23MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MSD

Quant Time: Nov 12 03:00:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	306752	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	285597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	151356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85466	4.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.565	69	76070	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.108	63	165159	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.880	46	194522	62.138	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.280%
24) Chloroform-d	4.343	84	199290	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.027	65	88524	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.047	84	406693	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.066	67	115614	4.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.310	98	373212	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.619	79	36469	4.697	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.085	63	179963	54.305	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.620%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	88344	5.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	133666	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	125096	4.892	ug/L	98
3) Chloromethane	1.240	50	111565	5.257	ug/L	98
5) Vinyl chloride	1.311	62	121224	5.008	ug/L	97
6) Bromomethane	1.520	94	68048	4.703	ug/L	96
8) Chloroethane	1.584	64	71004	4.991	ug/L	100
9) Trichlorofluoromethane	1.751	101	737805	22.604	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92573	5.009	ug/L	99
12) 1,1-Dichloroethene	2.118	96	96808	5.213	ug/L	97
13) Acetone	2.172	43	110467	54.857	ug/L	82
14) Carbon disulfide	2.291	76	315434	4.783	ug/L	99
15) Methyl Acetate	2.433	43	27579	5.643	ug/L	96
16) Methylene chloride	2.503	84	108382	4.514	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	212171	5.329	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	110707	5.140	ug/L	97
19) 1,1-Dichloroethane	3.185	63	187738	5.332	ug/L	99
21) 2-Butanone	3.963	43	182667	58.590	ug/L	88
22) cis-1,2-Dichloroethene	3.909	96	119138	5.441	ug/L	97
23) Bromochloromethane	4.243	128	49565	5.352	ug/L	90
25) Chloroform	4.368	83	206157	5.585	ug/L	99

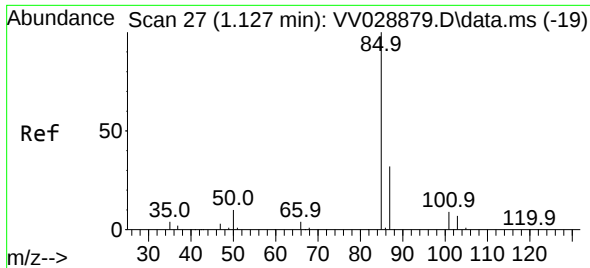
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	101385	5.333	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	165341	4.934	ug/L	99
30) Cyclohexane	4.674	56	165093	4.847	ug/L	99
31) Carbon tetrachloride	4.822	117	141194	4.892	ug/L	99
33) Benzene	5.095	78	451602	5.175	ug/L	100
34) Trichloroethene	5.912	95	111546	4.992	ug/L	98
35) Methylcyclohexane	6.127	83	182209	4.640	ug/L	98
37) 1,2-Dichloropropane	6.169	63	102233	5.080	ug/L	99
38) Bromodichloromethane	6.506	83	129081	5.064	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	139607	4.969	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	466856	53.916	ug/L	98
42) Toluene	7.384	91	480136	5.092	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	110679	5.074	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	71182	5.403	ug/L	97
47) Tetrachloroethene	7.969	164	116031	6.486	ug/L	97
48) 2-Hexanone	8.137	43	328020	54.080	ug/L	100
49) Dibromochloromethane	8.240	129	82065	5.152	ug/L	99
50) 1,2-Dibromoethane	8.349	107	65984	5.391	ug/L	97
51) Chlorobenzene	8.876	112	305234	5.236	ug/L	100
52) Ethylbenzene	9.005	91	509839	5.194	ug/L	100
53) m,p-Xylene	9.133	106	197554	5.060	ug/L	99
54) o-Xylene	9.539	106	196288	5.289	ug/L	99
55) Styrene	9.555	104	297469	4.779	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	83002	5.405	ug/L	98
59) Bromoform	9.725	173	42463	5.146	ug/L	99
60) Isopropylbenzene	9.924	105	513250	5.224	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	57574	5.566	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	431081	5.180	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	428905	5.145	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	241762	5.237	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	231678	4.992	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	210901	5.085	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9762	4.797	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.638	180	166379	4.672	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	123359	4.580	ug/L	97
71) Naphthalene	13.493	128	143065	4.116	ug/L	99
72) 1,2,3-Trichlorobenzene	13.735	180	105775	4.636	ug/L	99

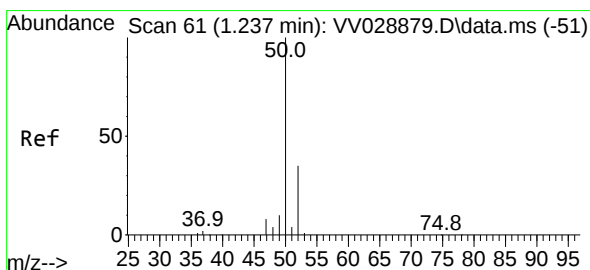
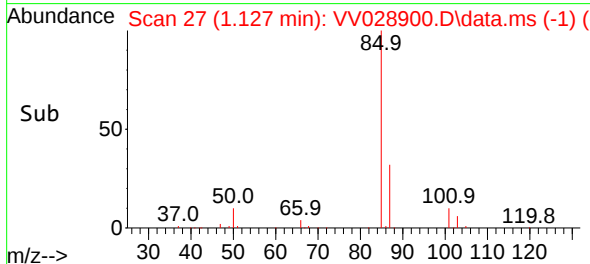
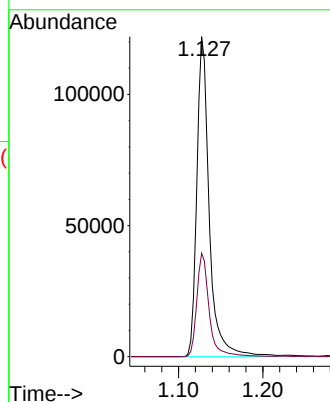
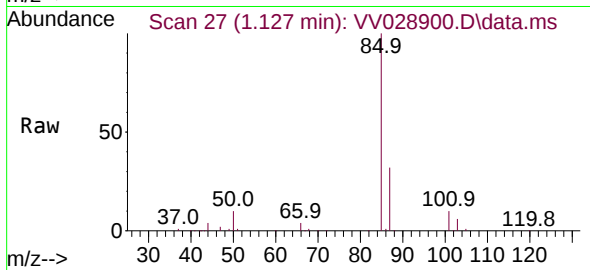
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.892 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028900.D
 Acq: 12 Nov 2022 01:20

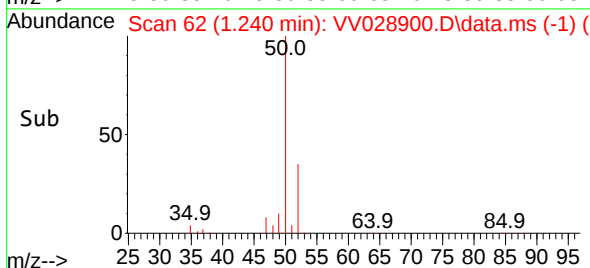
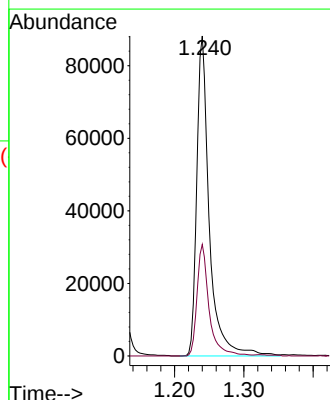
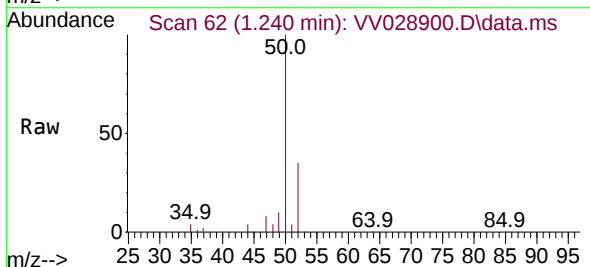
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MSD

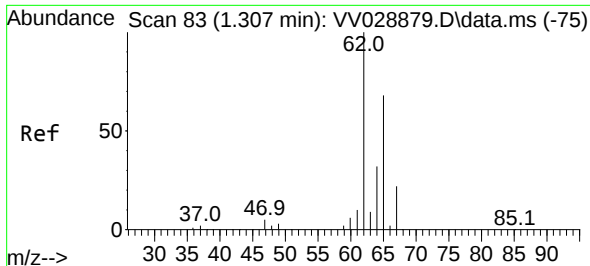
Tgt Ion: 85 Resp: 125096
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.4



#3
 Chloromethane
 Concen: 5.257 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV028900.D
 Acq: 12 Nov 2022 01:20

Tgt Ion: 50 Resp: 111565
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.7 43.9

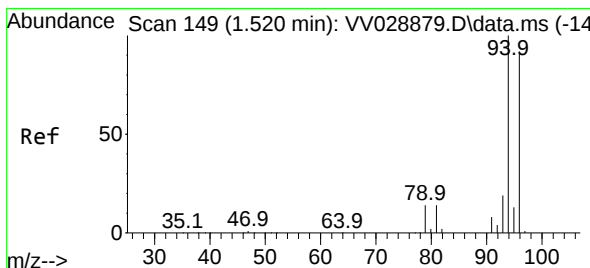
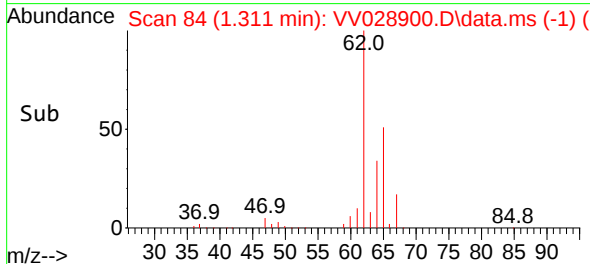
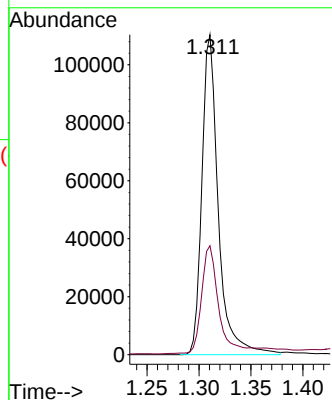
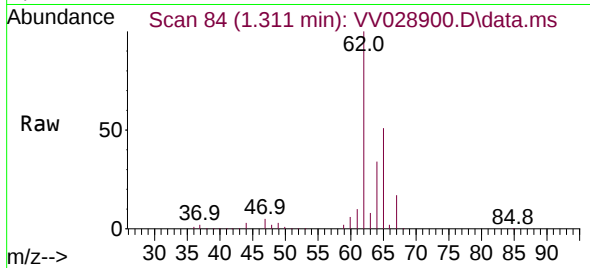




#5
 Vinyl chloride
 Concen: 5.008 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV028900.D
 Acq: 12 Nov 2022 01:20

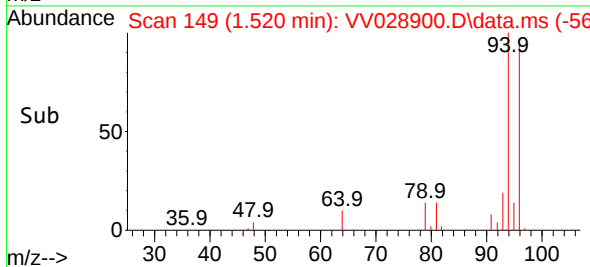
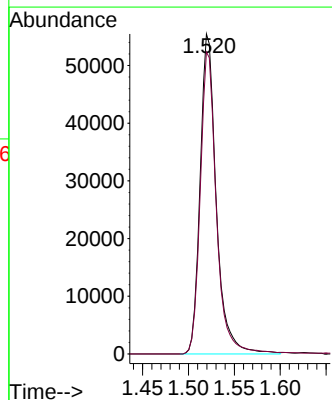
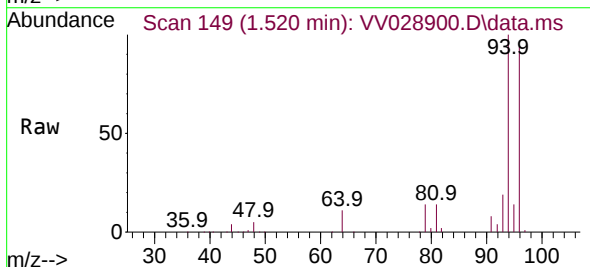
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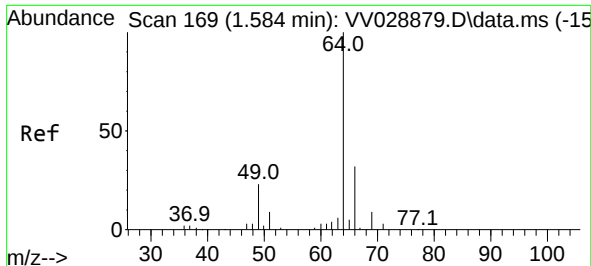
Tgt Ion: 62 Resp: 121224
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.8 42.4



#6
 Bromomethane
 Concen: 4.703 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028900.D
 Acq: 12 Nov 2022 01:20

Tgt Ion: 94 Resp: 68048
 Ion Ratio Lower Upper
 94 100
 96 94.3 68.5 127.3

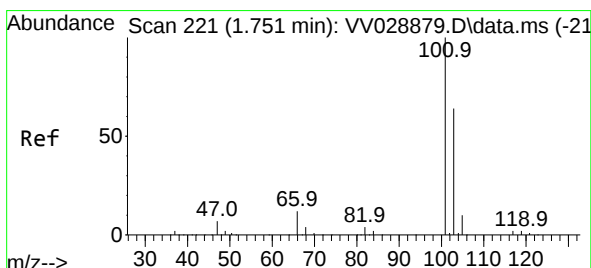
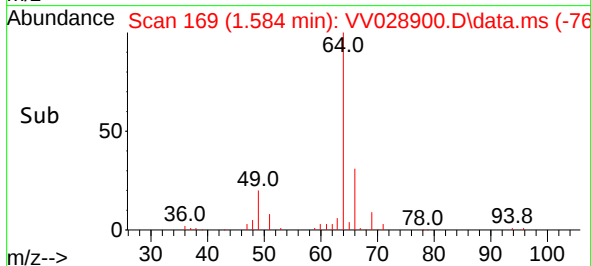
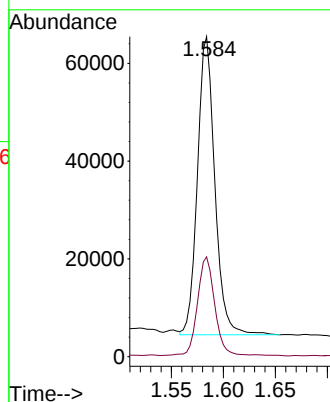
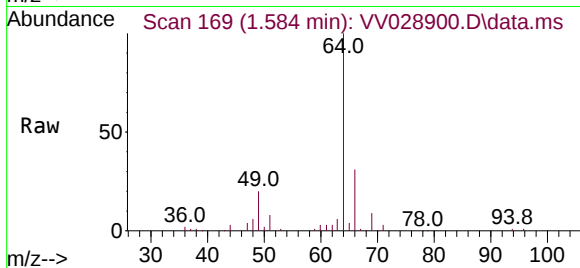




#8
Chloroethane
Concen: 4.991 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

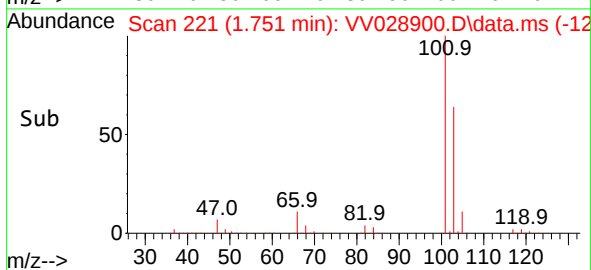
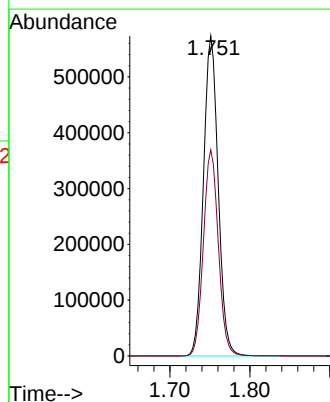
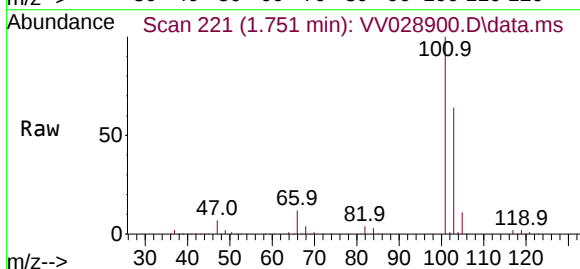
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ClientSampleId :
H0AE1MSD

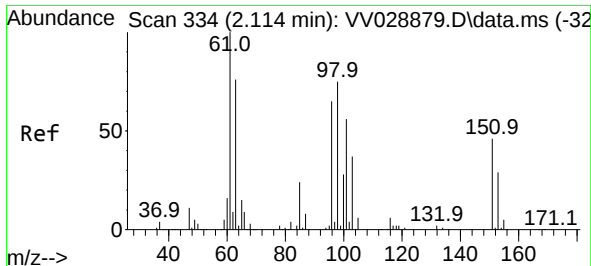
Tgt Ion: 64 Resp: 71004
Ion Ratio Lower Upper
64 100
66 31.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.604 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion:101 Resp: 737805
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.009 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MSD

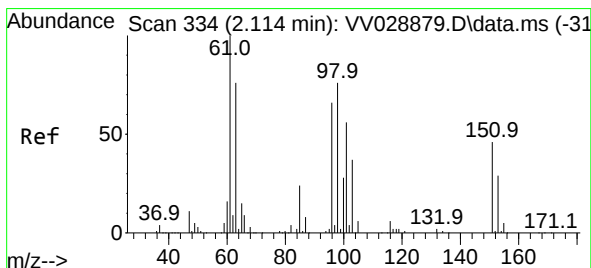
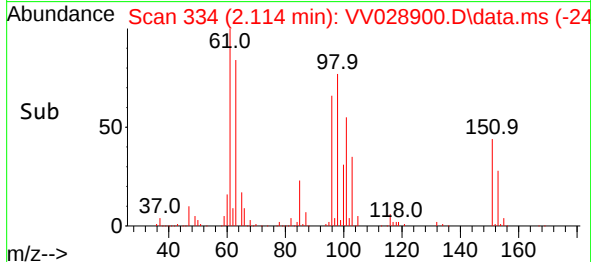
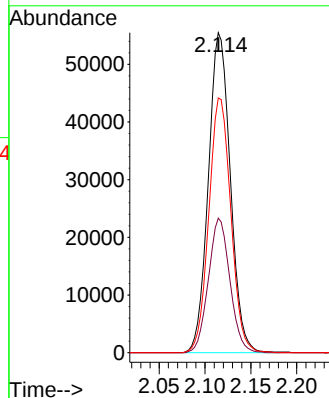
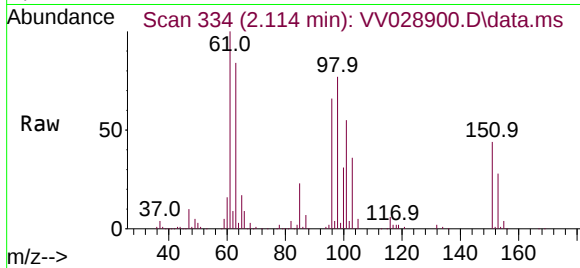
Tgt Ion:101 Resp: 92573

Ion Ratio Lower Upper

101 100

85 41.1 32.9 49.3

151 79.8 62.5 93.7



#12

1,1-Dichloroethene

Concen: 5.213 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

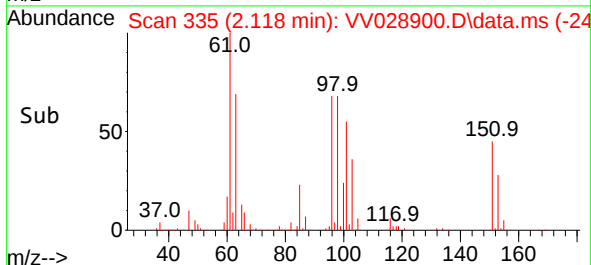
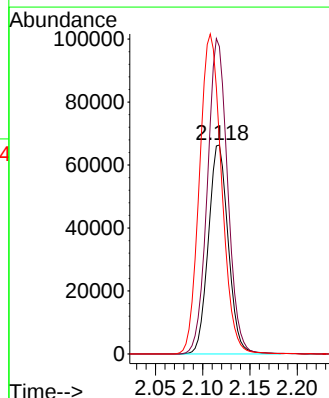
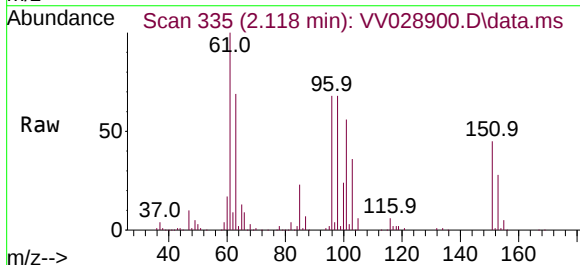
Tgt Ion: 96 Resp: 96808

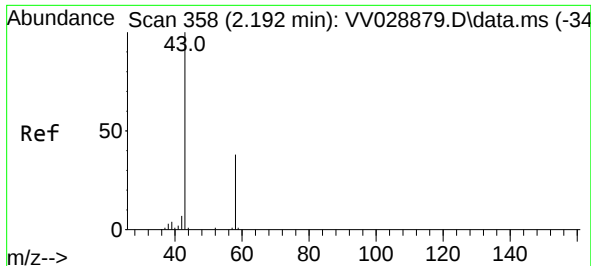
Ion Ratio Lower Upper

96 100

61 147.0 104.2 193.4

63 102.1 75.9 140.9

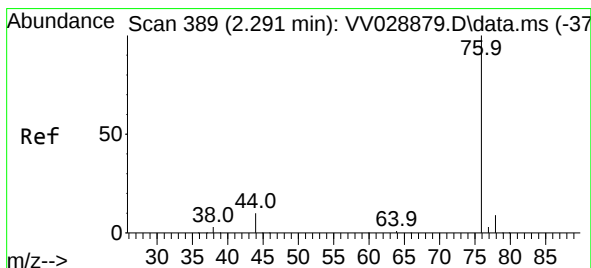
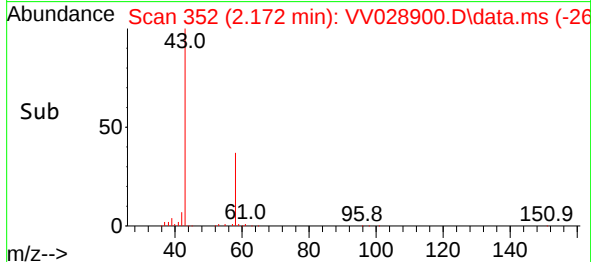
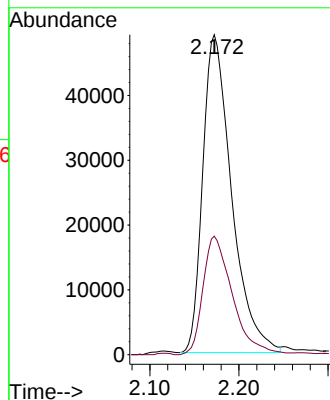
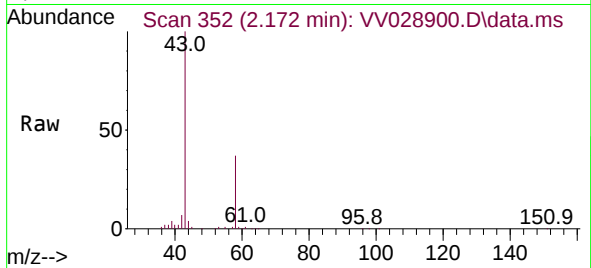




#13
Acetone
Concen: 54.857 ug/L
RT: 2.172 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

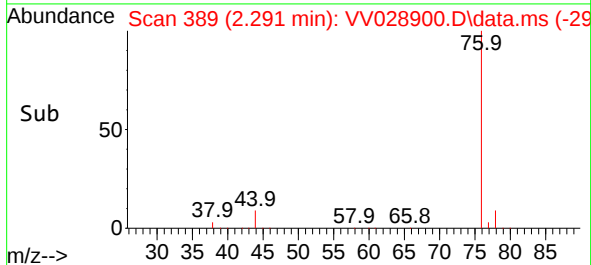
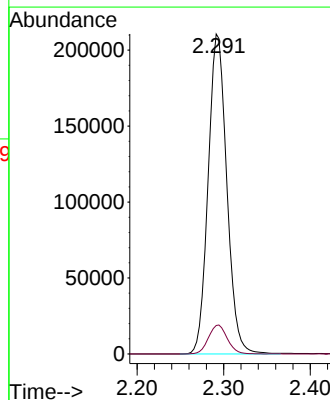
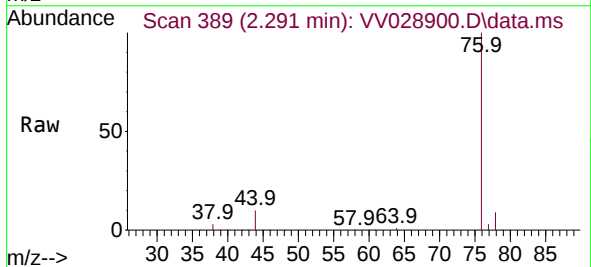
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

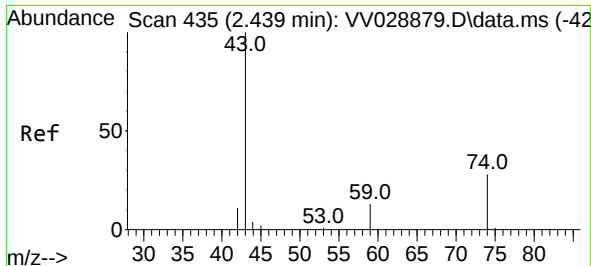
Tgt Ion: 43 Resp: 110467
Ion Ratio Lower Upper
43 100
58 38.0 0.0 56.6



#14
Carbon disulfide
Concen: 4.783 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 76 Resp: 315434
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

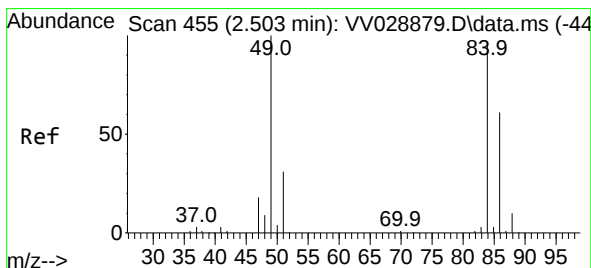
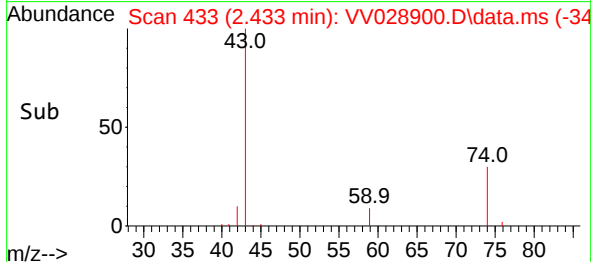
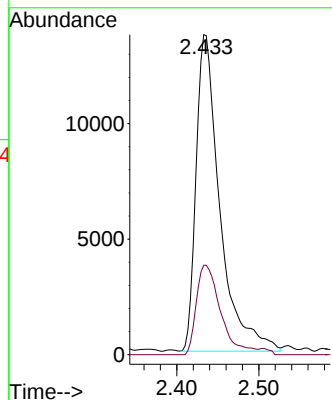
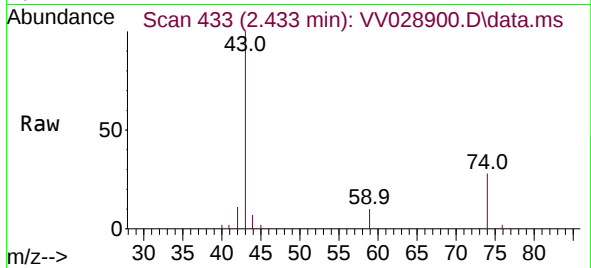




#15
Methyl Acetate
Concen: 5.643 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

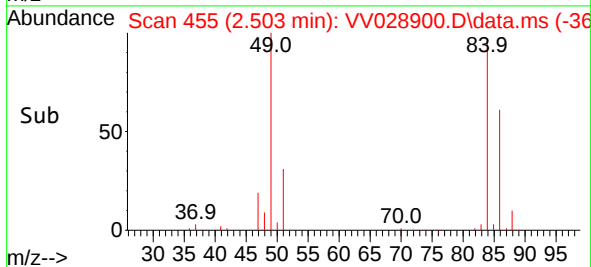
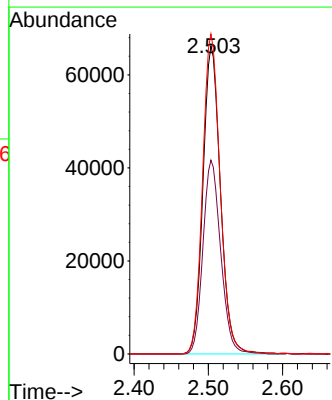
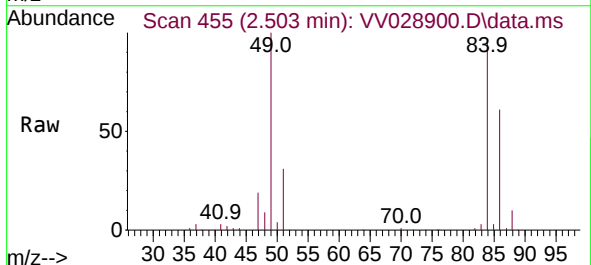
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

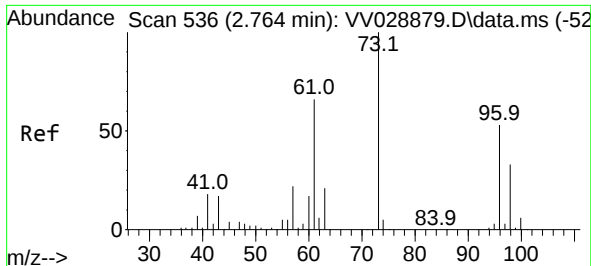
Tgt Ion: 43 Resp: 27579
Ion Ratio Lower Upper
43 100
74 28.8 24.6 37.0



#16
Methylene chloride
Concen: 4.514 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 84 Resp: 108382
Ion Ratio Lower Upper
84 100
86 62.9 45.8 85.0
49 103.9 75.5 140.1

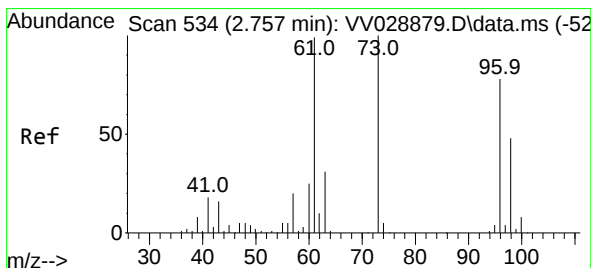
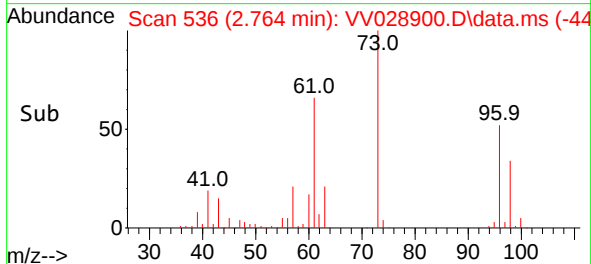
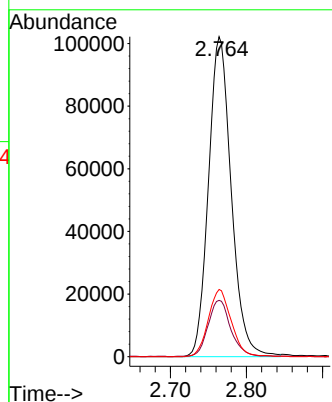
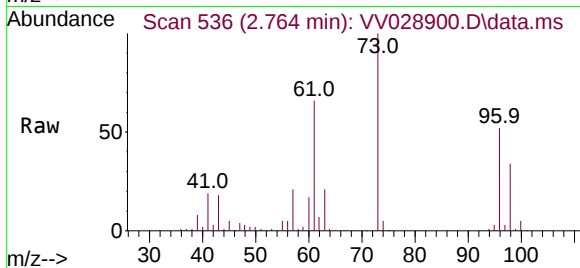




#17
Methyl tert-butyl Ether
Concen: 5.329 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

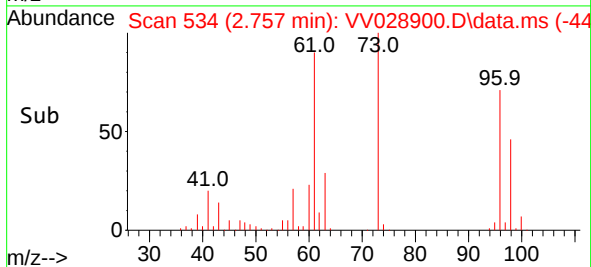
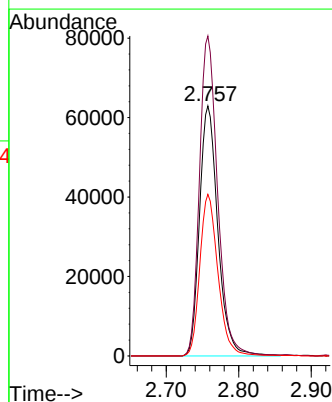
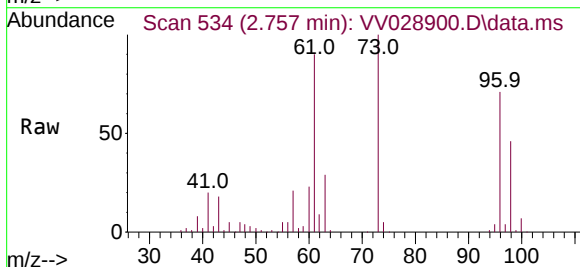
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

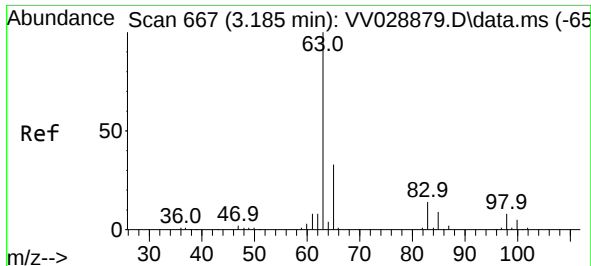
Tgt Ion: 73 Resp: 212171
Ion Ratio Lower Upper
73 100
43 17.6 13.0 19.4
57 21.2 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 5.140 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 96 Resp: 110707
Ion Ratio Lower Upper
96 100
61 128.0 91.8 170.6
98 64.6 46.4 86.2

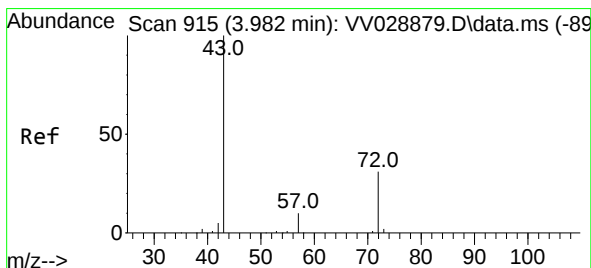
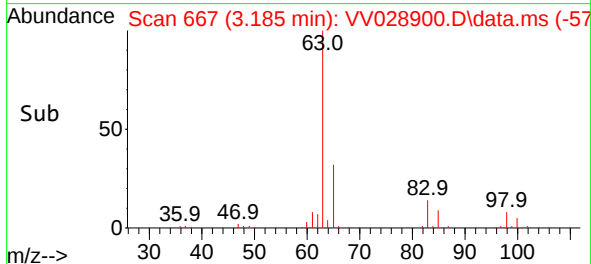
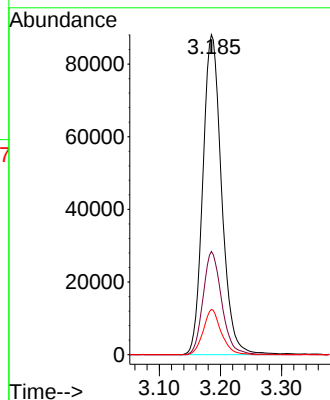
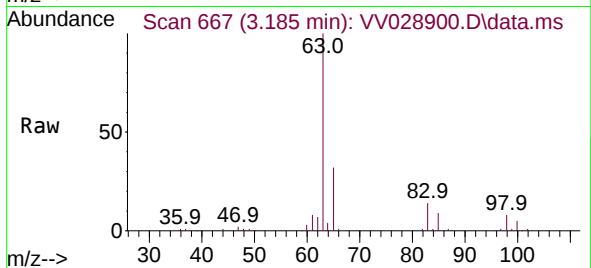




#19
1,1-Dichloroethane
Concen: 5.332 ug/L
RT: 3.185 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

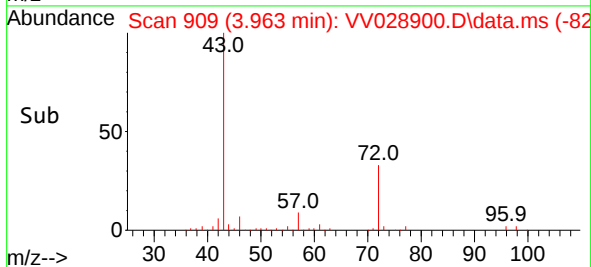
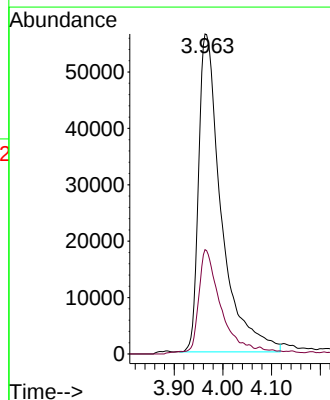
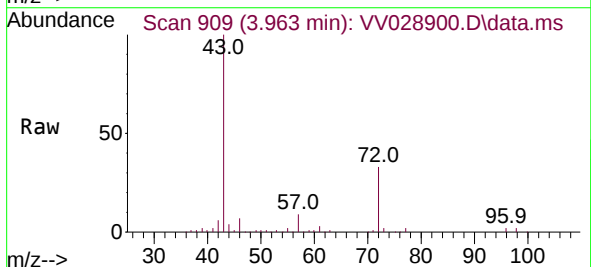
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

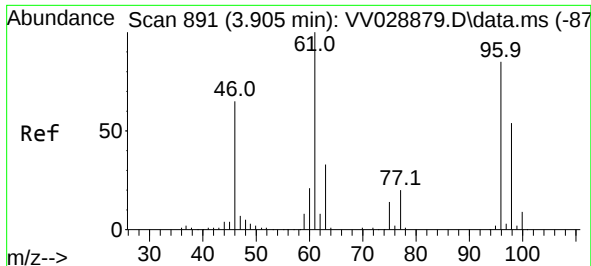
Tgt Ion: 63 Resp: 187738
Ion Ratio Lower Upper
63 100
65 32.2 23.0 42.6
83 14.2 9.4 17.6



#21
2-Butanone
Concen: 58.590 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.019 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 43 Resp: 182667
Ion Ratio Lower Upper
43 100
72 29.9 11.9 35.9

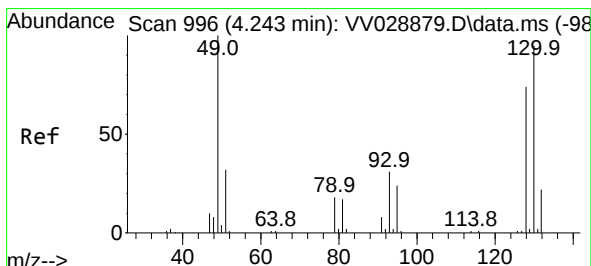
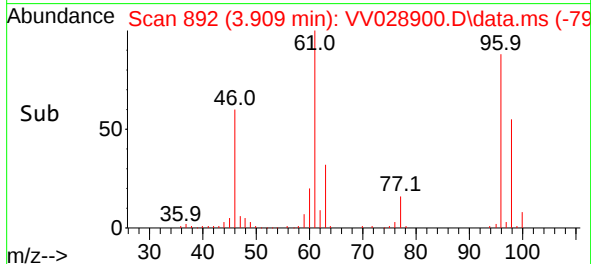
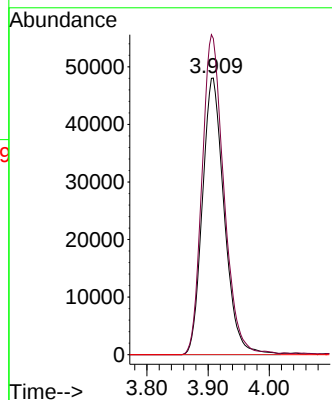
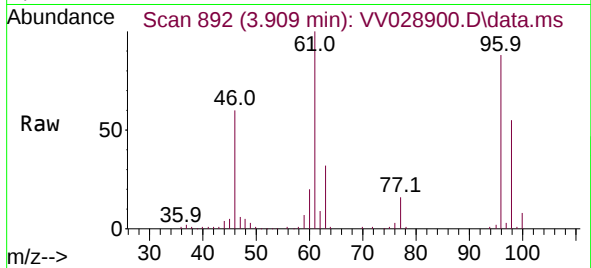




#22
 cis-1,2-Dichloroethene
 Concen: 5.441 ug/L
 RT: 3.909 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028900.D
 Acq: 12 Nov 2022 01:20

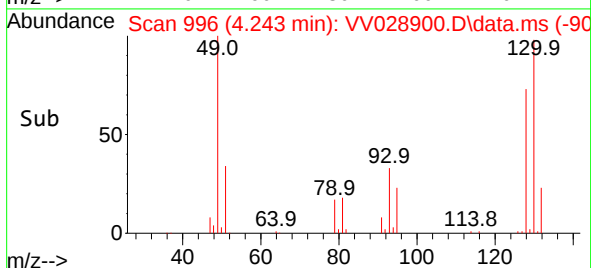
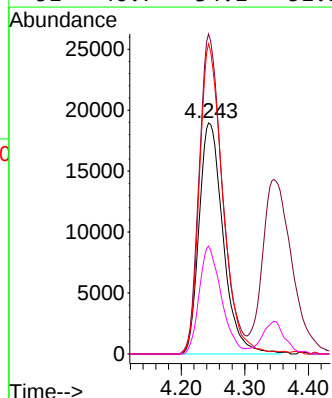
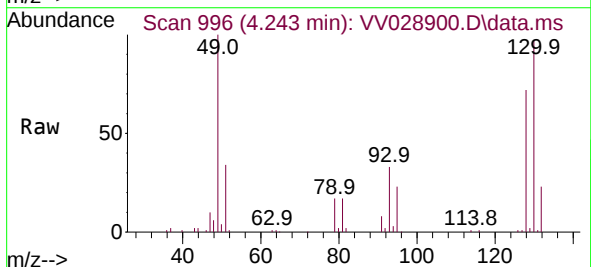
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MSD

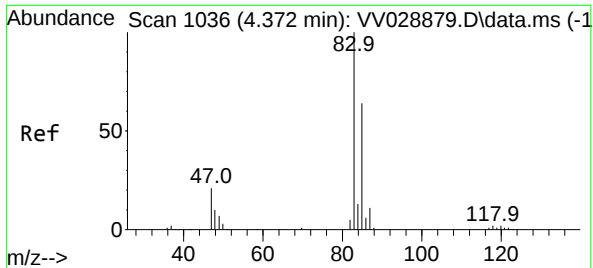
Tgt Ion: 96 Resp: 119138
 Ion Ratio Lower Upper
 96 100
 61 114.3 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.352 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV028900.D
 Acq: 12 Nov 2022 01:20

Tgt Ion: 128 Resp: 49565
 Ion Ratio Lower Upper
 128 100
 49 138.5 89.5 166.1
 130 134.2 84.4 156.8
 51 46.7 34.1 51.1

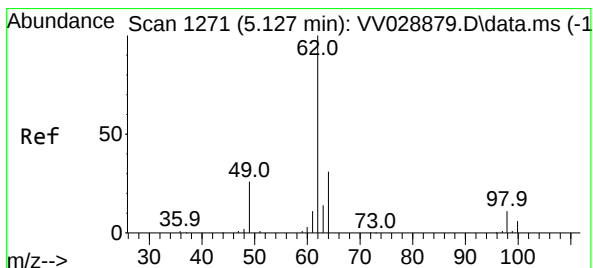
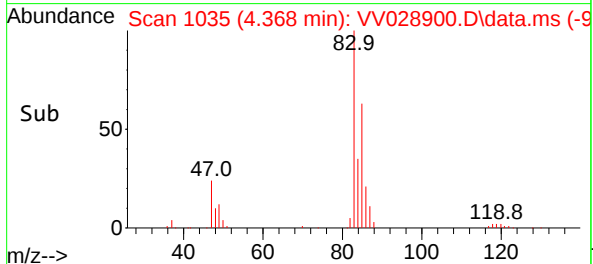
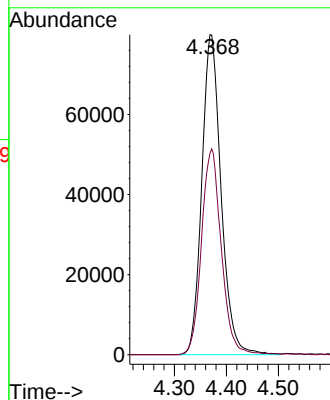
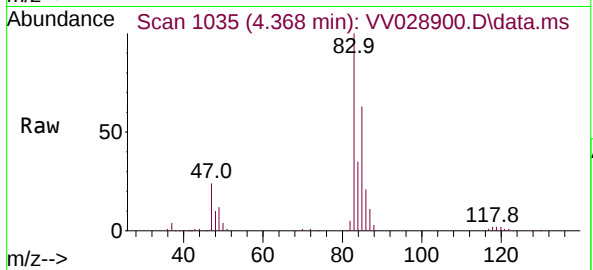




#25
Chloroform
Concen: 5.585 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

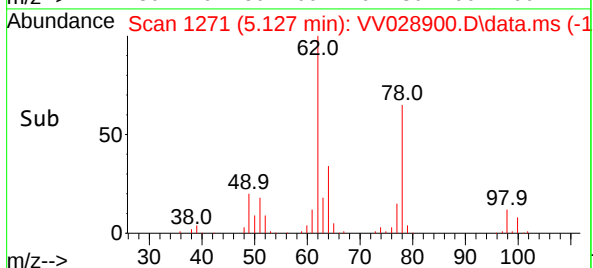
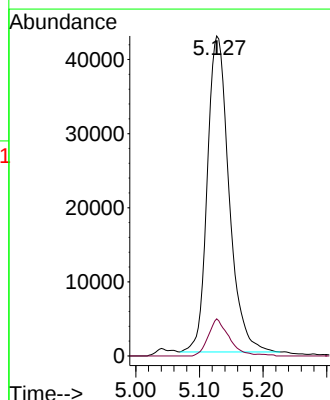
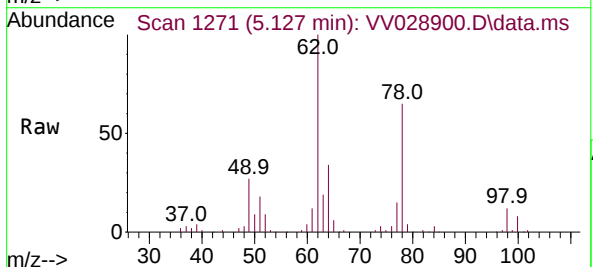
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

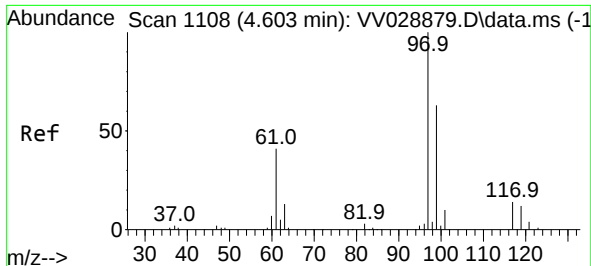
Tgt Ion: 83 Resp: 206157
Ion Ratio Lower Upper
83 100
85 62.9 43.7 81.1



#27
1,2-Dichloroethane
Concen: 5.333 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 62 Resp: 101385
Ion Ratio Lower Upper
62 100
98 11.6 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.934 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MSD

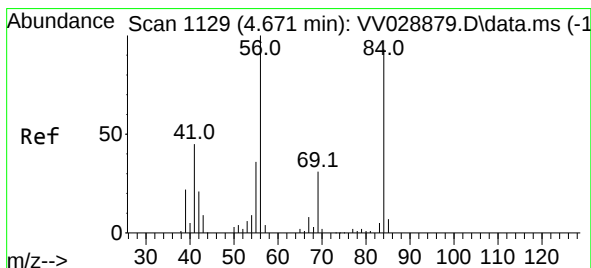
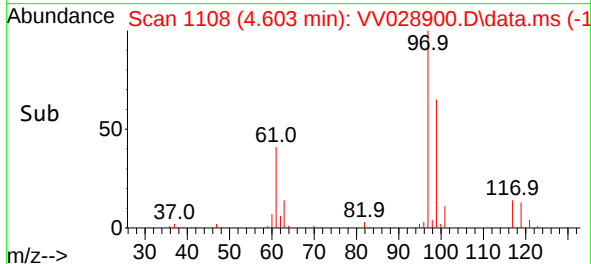
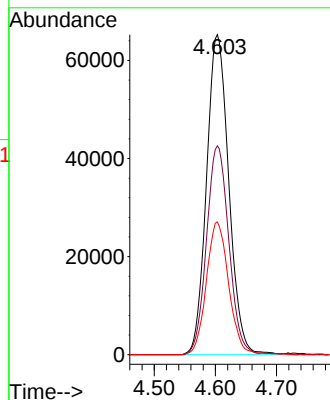
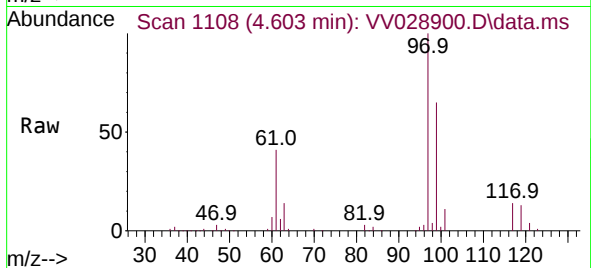
Tgt Ion: 97 Resp: 165341

Ion Ratio Lower Upper

97 100

99 65.2 52.7 79.1

61 41.7 33.8 50.6



#30

Cyclohexane

Concen: 4.847 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

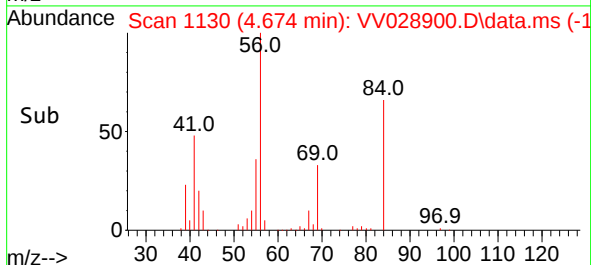
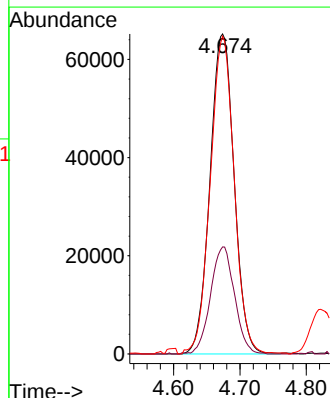
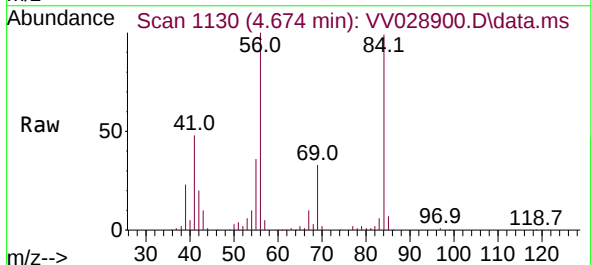
Tgt Ion: 56 Resp: 165093

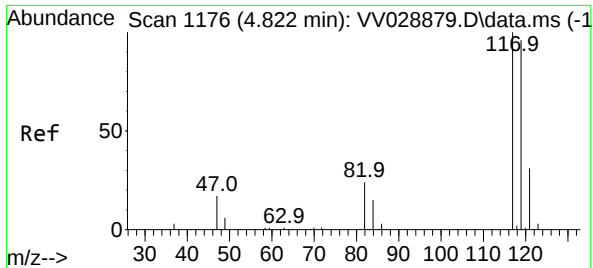
Ion Ratio Lower Upper

56 100

69 33.2 26.1 39.1

84 98.2 77.9 116.9

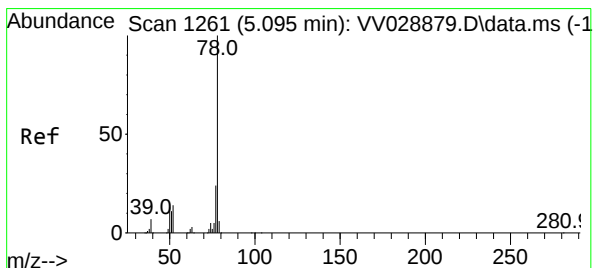
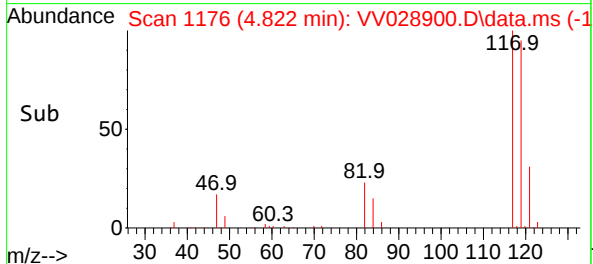
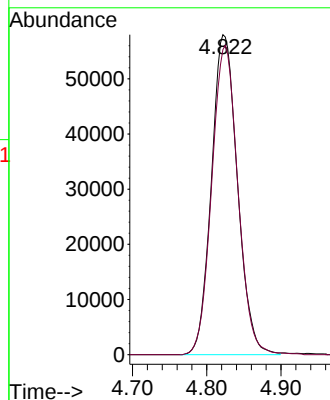
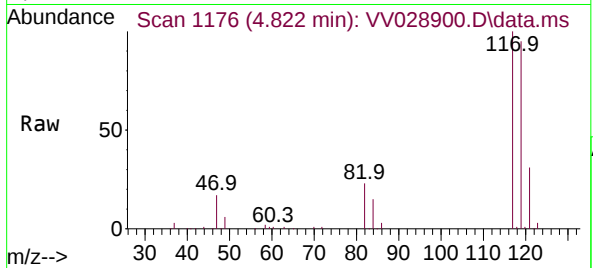




#31
Carbon tetrachloride
Concen: 4.892 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

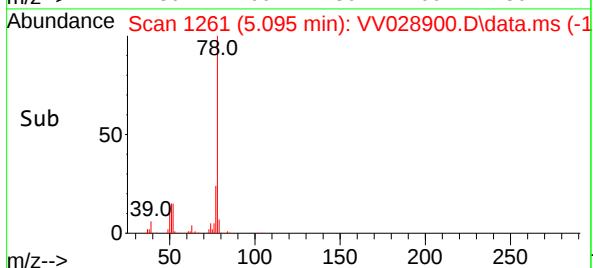
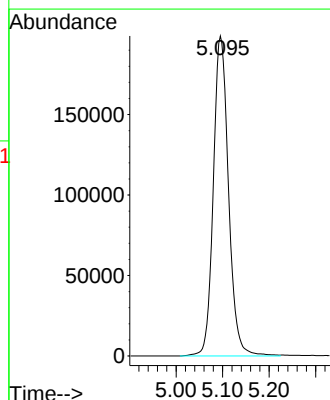
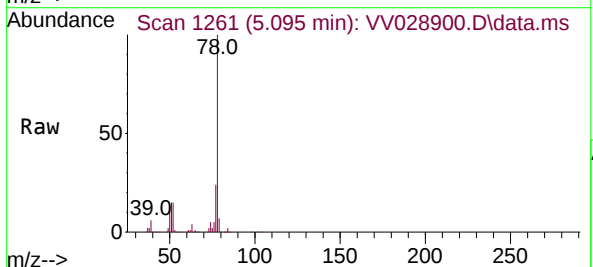
Instrument : MSVOA_V
ClientSampleId : H0AE1MSD

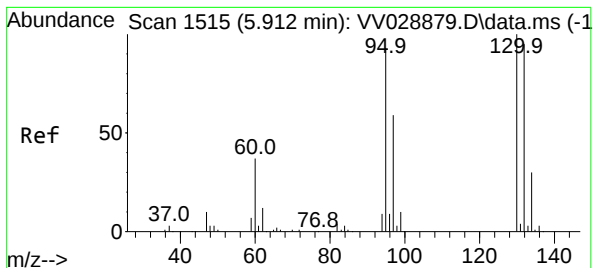
Tgt Ion:117 Resp: 141194
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.6



#33
Benzene
Concen: 5.175 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 78 Resp: 451602





#34

Trichloroethene

Concen: 4.992 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MSD

Tgt Ion: 95 Resp: 111546

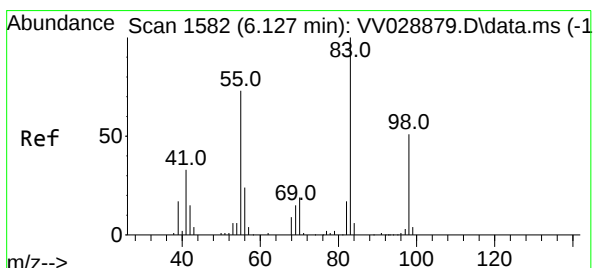
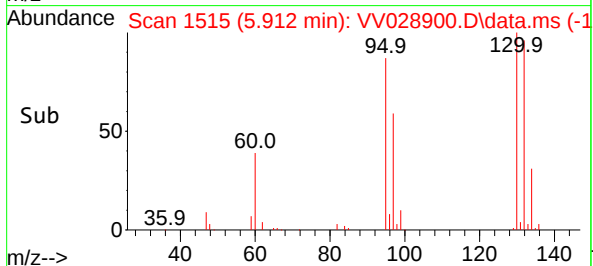
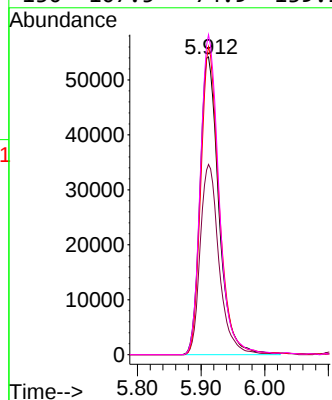
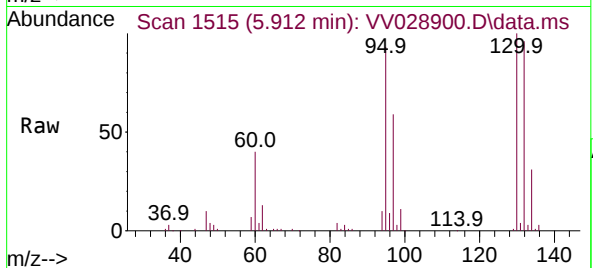
Ion Ratio Lower Upper

95 100

97 63.9 45.6 84.8

132 103.5 69.1 128.3

130 107.5 74.9 139.1



#35

Methylcyclohexane

Concen: 4.640 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

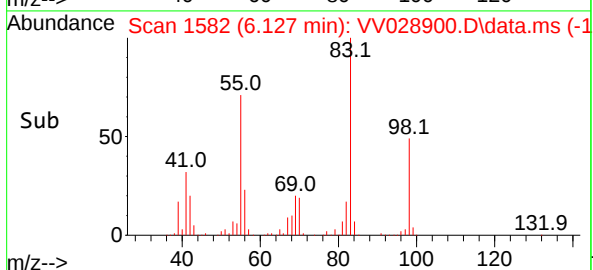
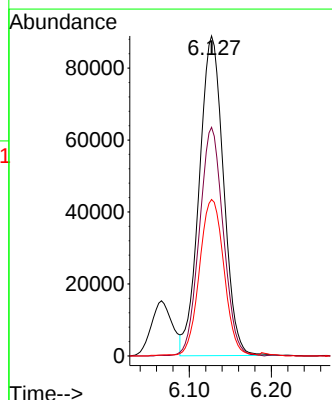
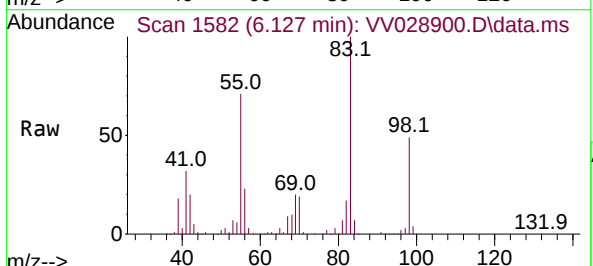
Tgt Ion: 83 Resp: 182209

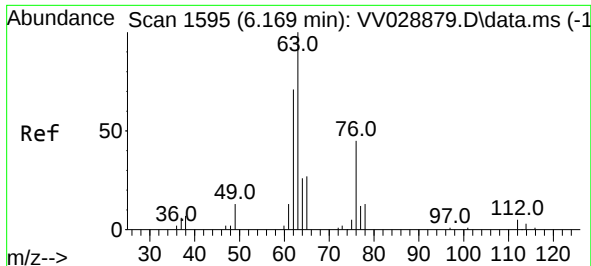
Ion Ratio Lower Upper

83 100

55 70.5 55.8 83.6

98 49.9 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.080 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

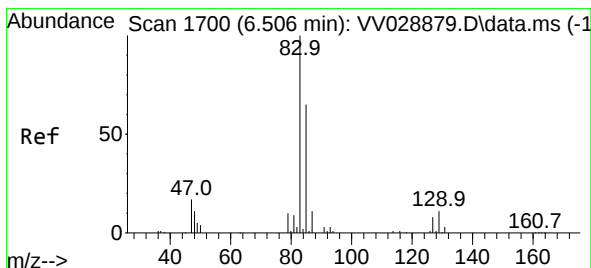
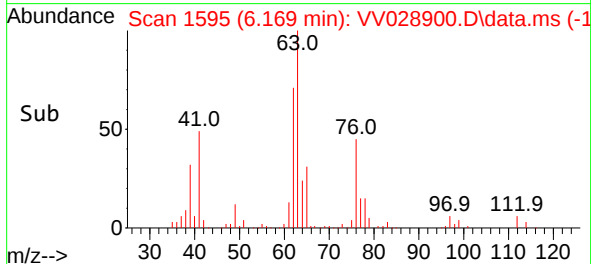
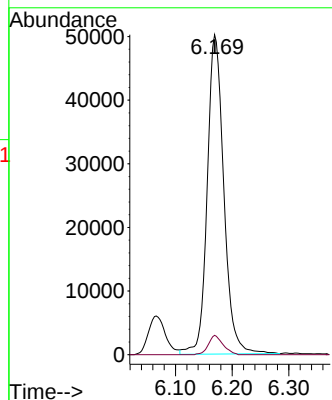
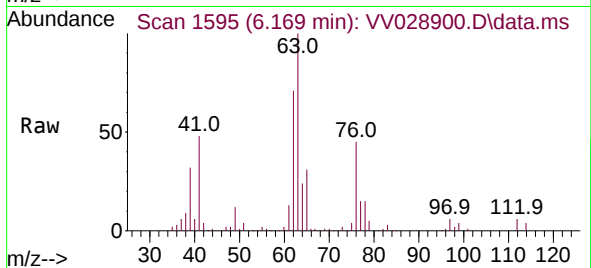
H0AE1MSD

Tgt Ion: 63 Resp: 102233

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 5.064 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

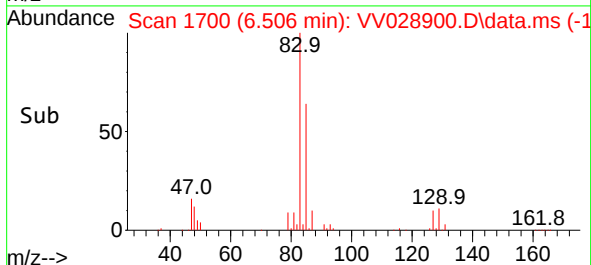
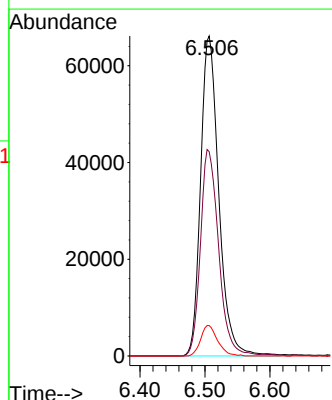
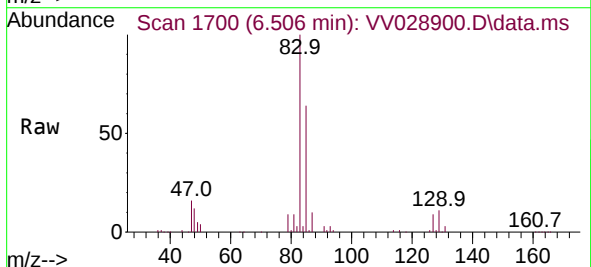
Tgt Ion: 83 Resp: 129081

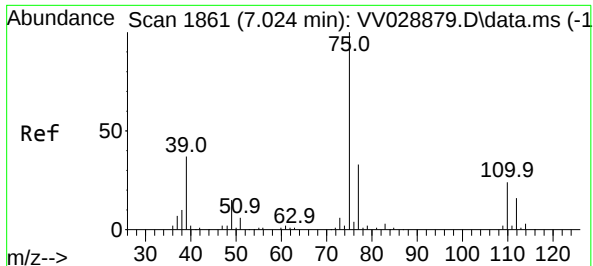
Ion Ratio Lower Upper

83 100

85 63.9 46.1 85.5

127 9.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.969 ug/L

RT: 7.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

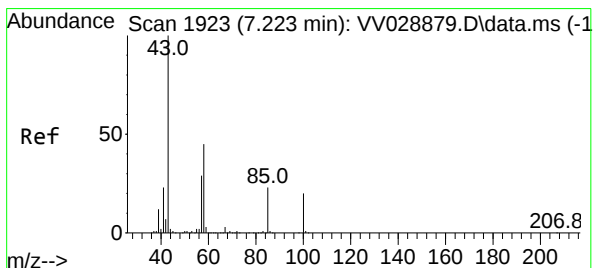
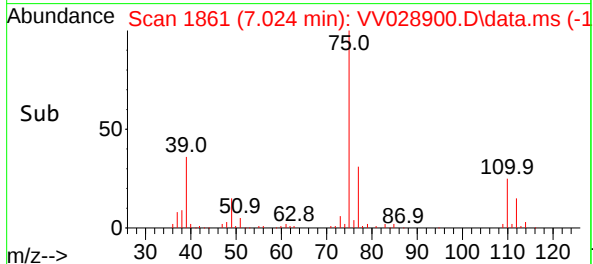
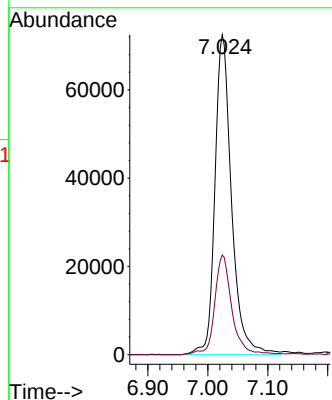
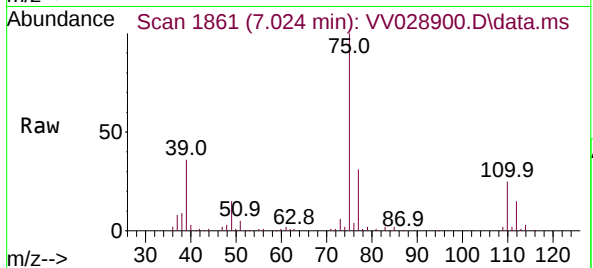
H0AE1MSD

Tgt Ion: 75 Resp: 139607

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.916 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

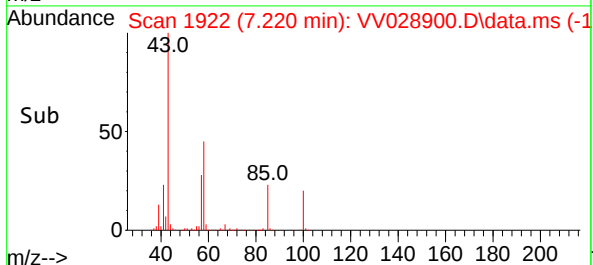
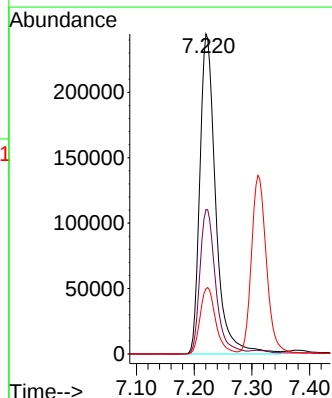
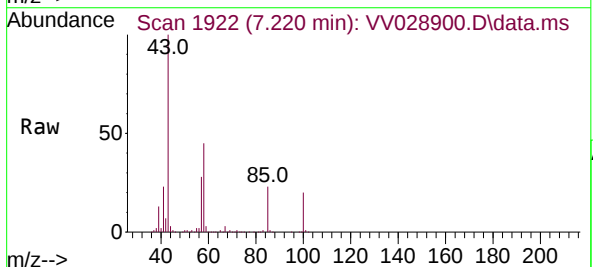
Tgt Ion: 43 Resp: 466856

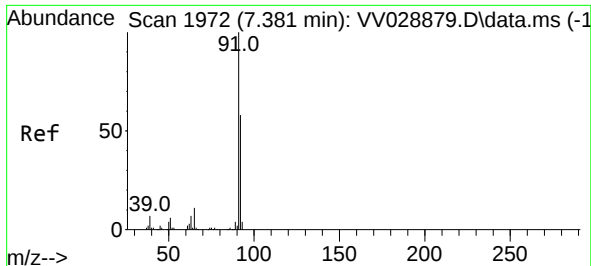
Ion Ratio Lower Upper

43 100

58 44.9 36.6 55.0

100 20.4 14.5 21.7





#42

Toluene

Concen: 5.092 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

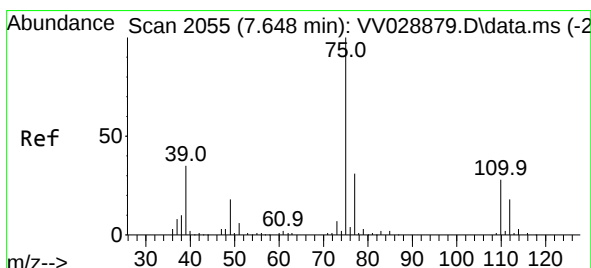
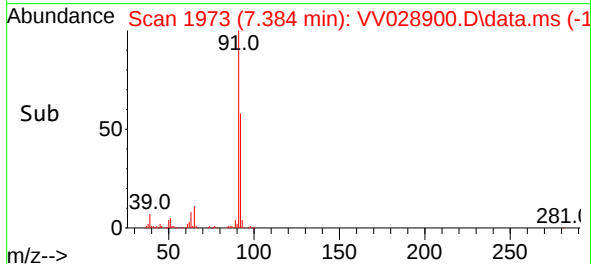
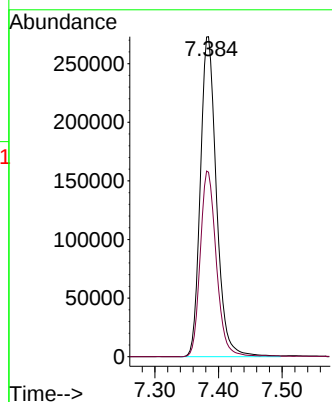
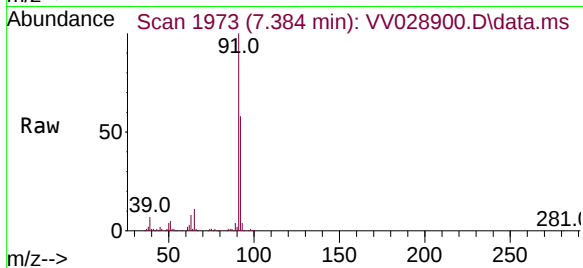
H0AE1MSD

Tgt Ion: 91 Resp: 480136

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.074 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028900.D

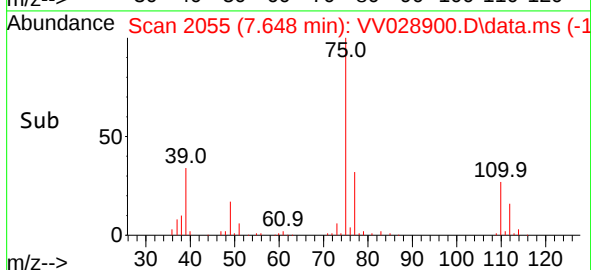
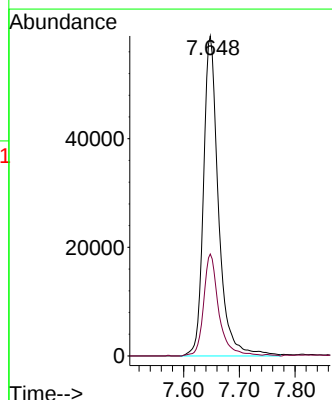
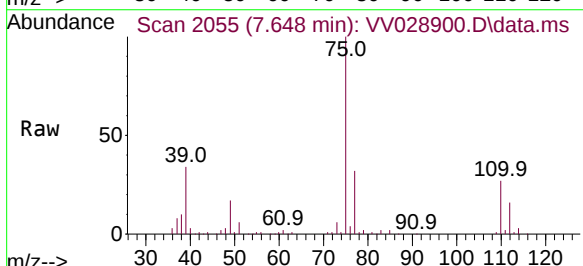
Acq: 12 Nov 2022 01:20

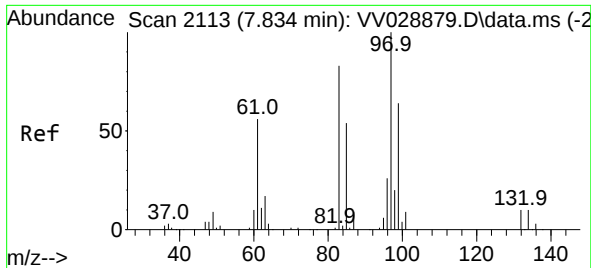
Tgt Ion: 75 Resp: 110679

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2

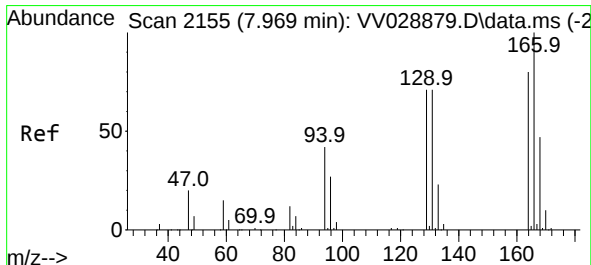
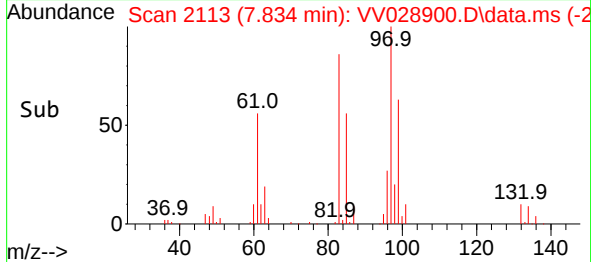
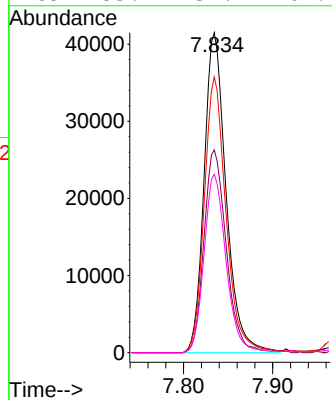
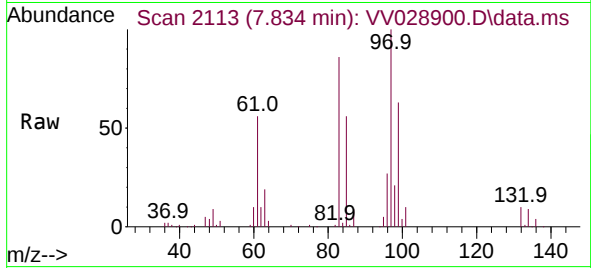




#45
1,1,2-Trichloroethane
Concen: 5.403 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

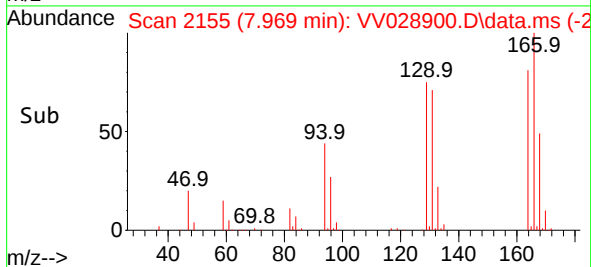
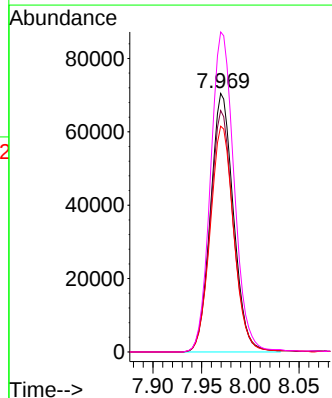
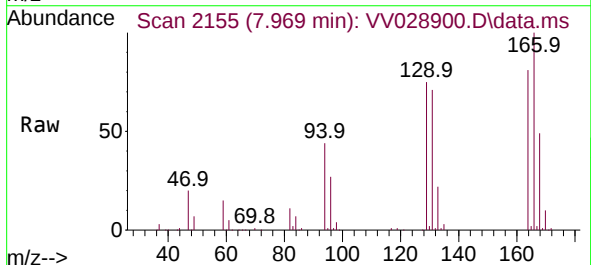
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

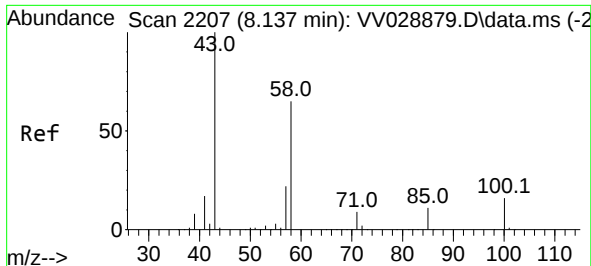
Tgt Ion:	97	Resp:	71182
Ion	Ratio	Lower	Upper
97	100		
99	63.4	41.5	77.1
83	86.2	60.0	111.4
85	55.7	37.4	69.4



#47
Tetrachloroethene
Concen: 6.486 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion:	164	Resp:	116031
Ion	Ratio	Lower	Upper
164	100		
129	93.3	63.9	118.7
131	87.3	61.8	114.8
166	123.7	90.2	167.4



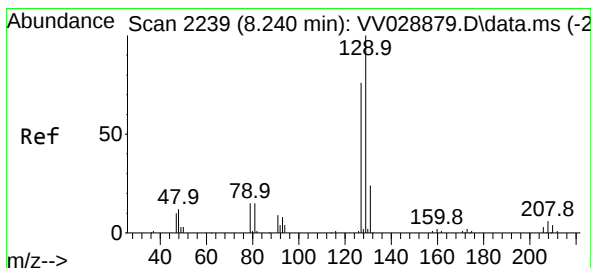
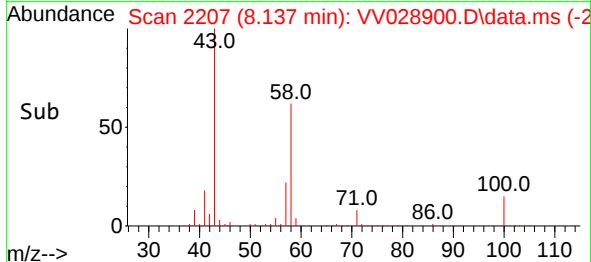
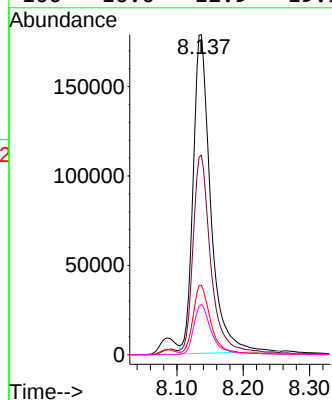
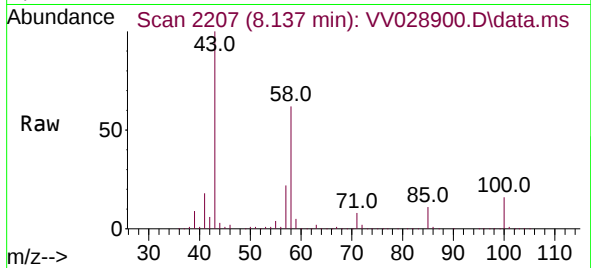


#48
2-Hexanone
Concen: 54.080 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

Tgt Ion: 43 Resp: 328020

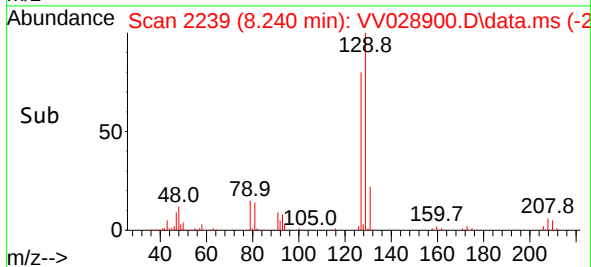
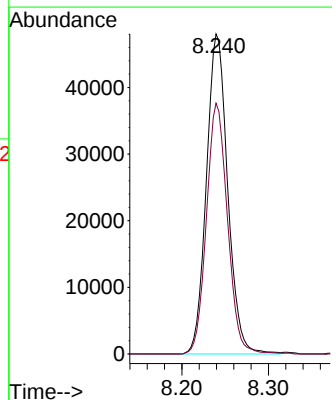
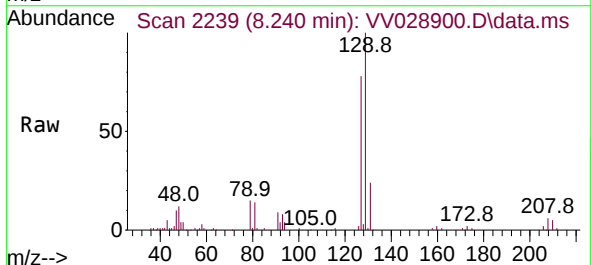
Ion	Ratio	Lower	Upper
43	100		
58	62.3	50.2	75.4
57	22.2	17.8	26.8
100	16.0	12.9	19.3

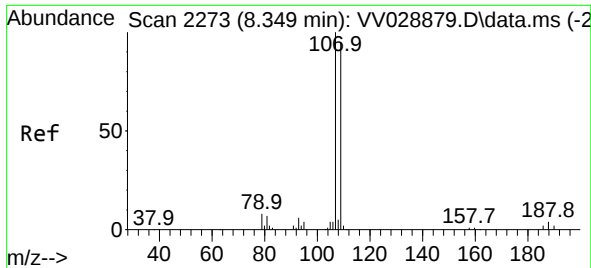


#49
Dibromochloromethane
Concen: 5.152 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 129 Resp: 82065

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.5	101.1

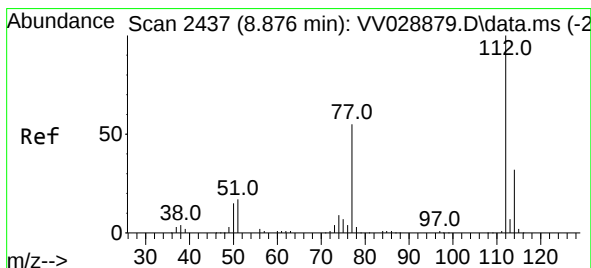
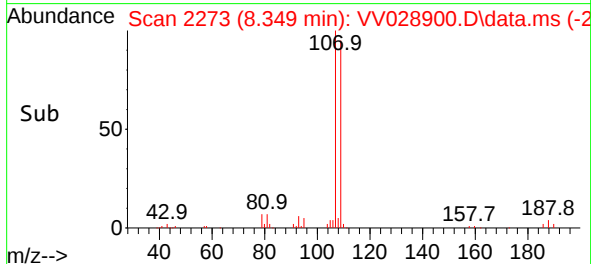
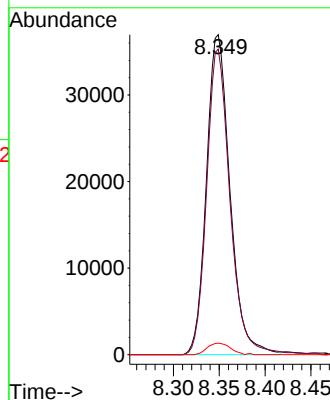
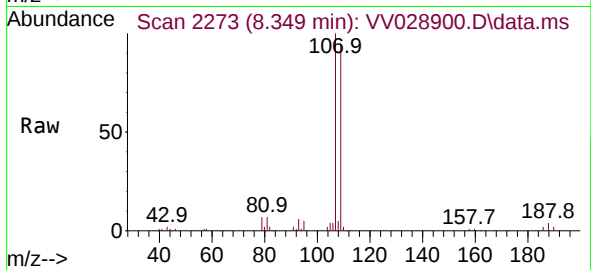




#50
1,2-Dibromoethane
Concen: 5.391 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

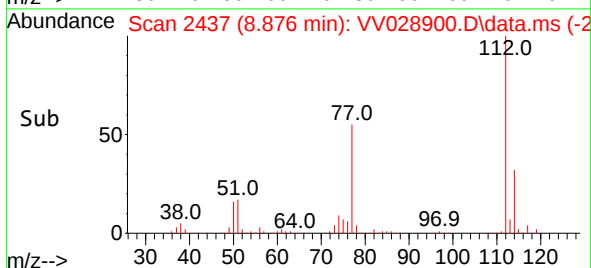
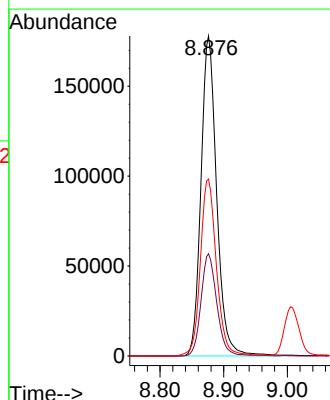
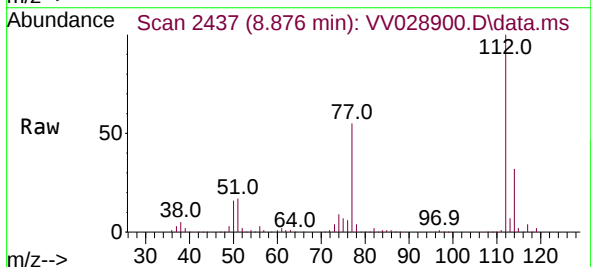
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

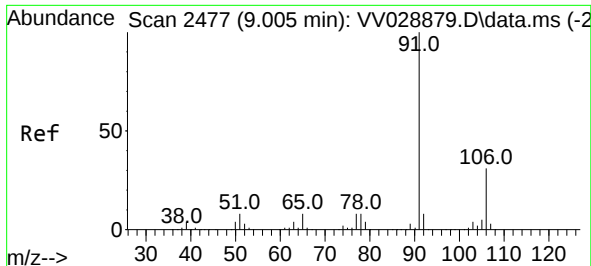
Tgt Ion:107 Resp: 65984
Ion Ratio Lower Upper
107 100
109 95.4 64.4 119.6
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 5.236 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion:112 Resp: 305234
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 55.3 44.4 66.6

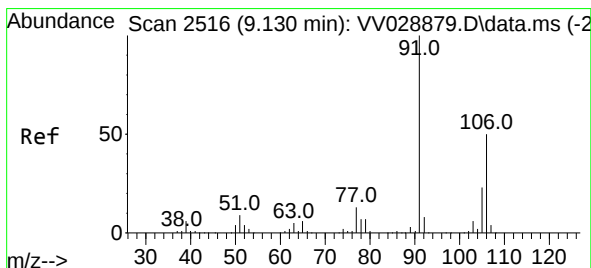
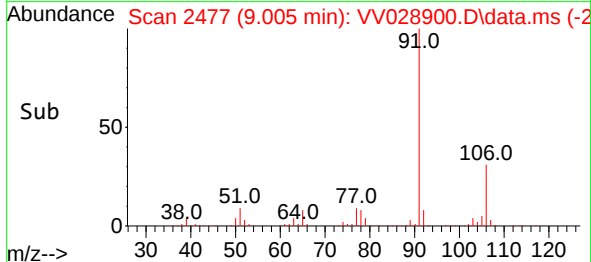
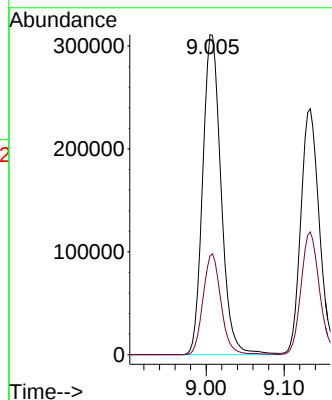
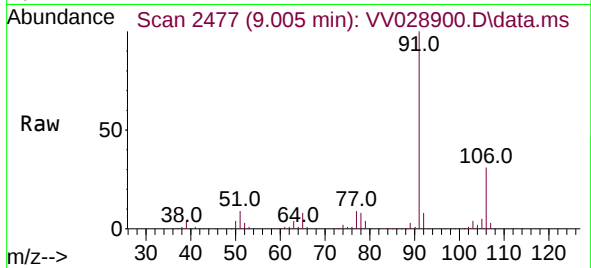




#52
Ethylbenzene
Concen: 5.194 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

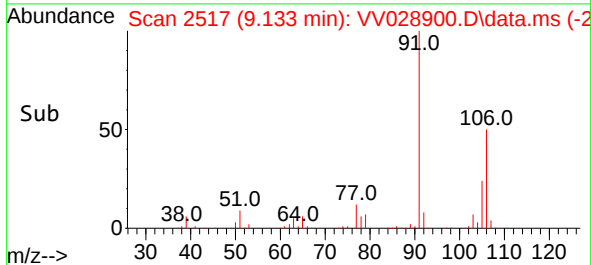
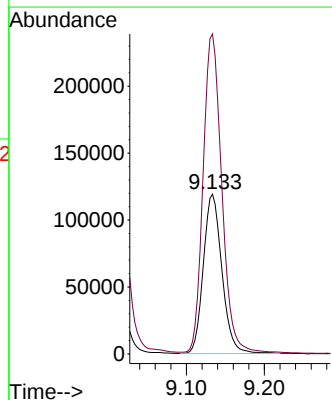
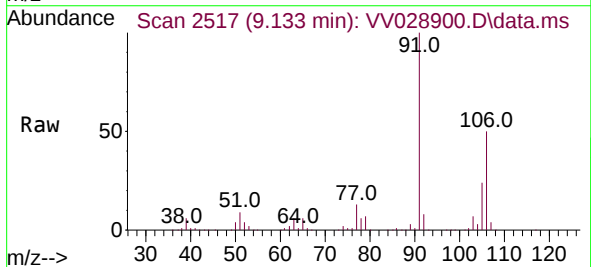
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

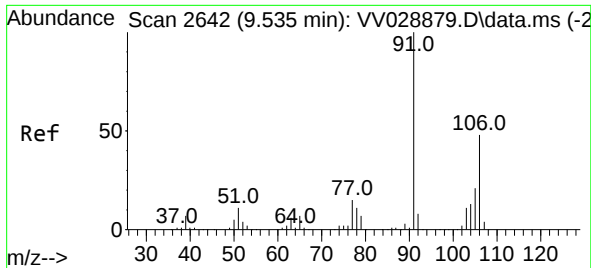
Tgt Ion: 91 Resp: 509839
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.2



#53
m,p-Xylene
Concen: 5.060 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 106 Resp: 197554
Ion Ratio Lower Upper
106 100
91 200.3 139.1 258.3

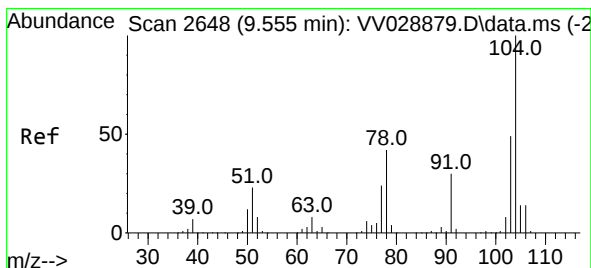
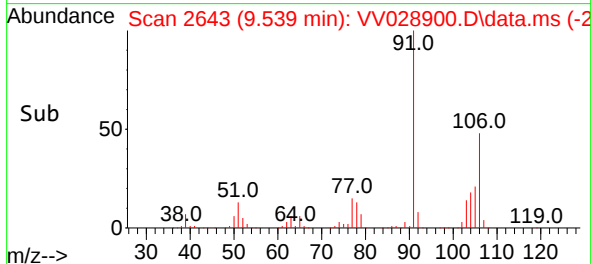
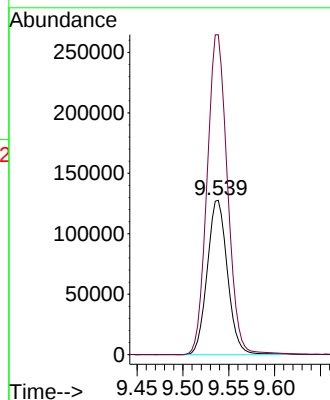
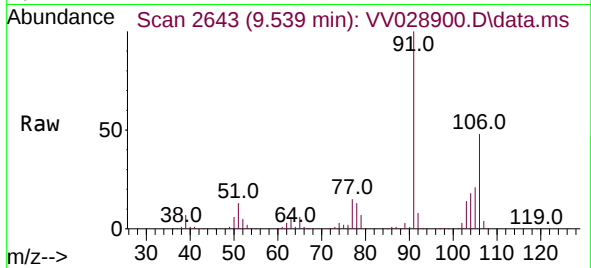




#54
o-Xylene
Concen: 5.289 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

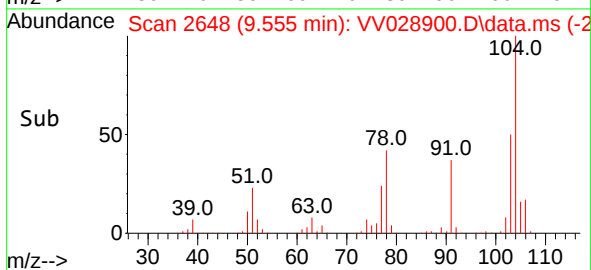
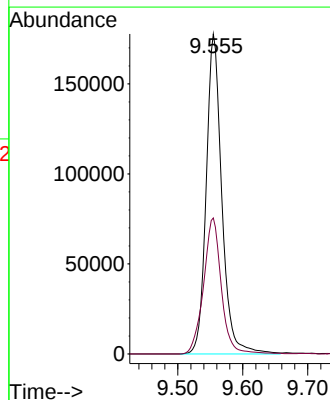
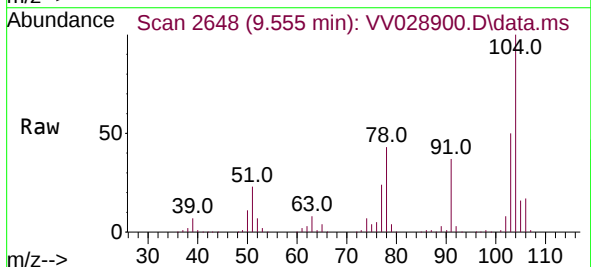
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

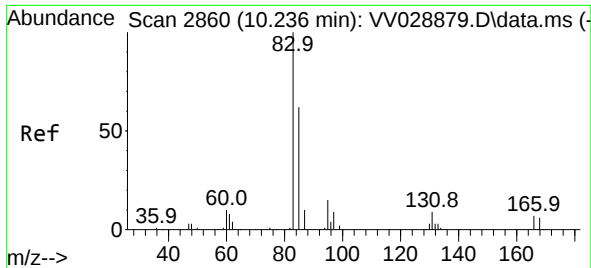
Tgt Ion:106 Resp: 196288
Ion Ratio Lower Upper
106 100
91 207.1 145.7 270.7



#55
Styrene
Concen: 4.779 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion:104 Resp: 297469
Ion Ratio Lower Upper
104 100
78 42.5 30.1 55.9

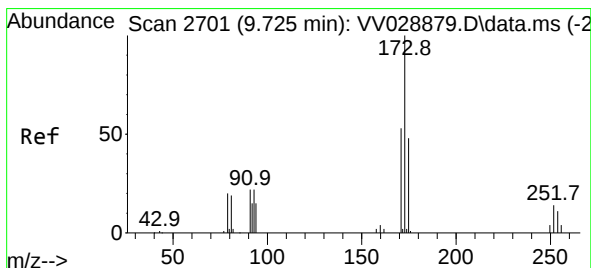
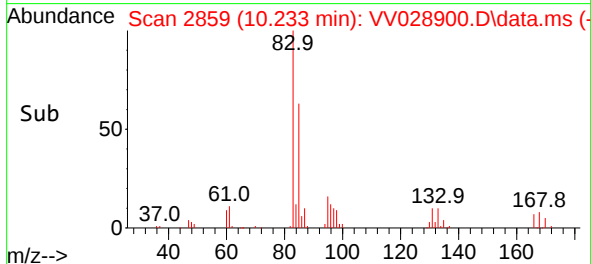
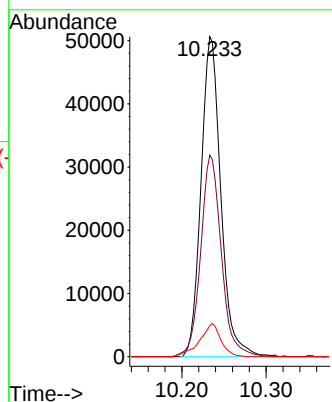
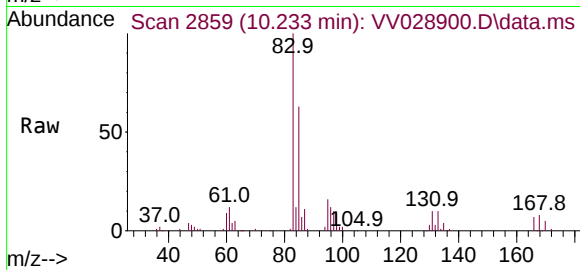




#57
1,1,2,2-Tetrachloroethane
Concen: 5.405 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

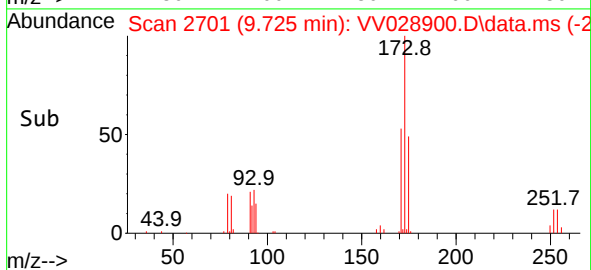
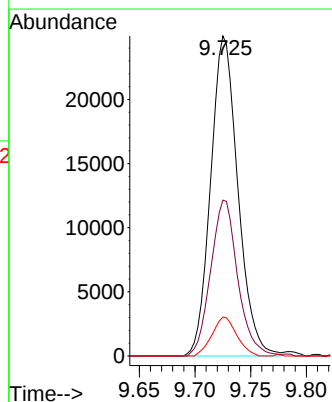
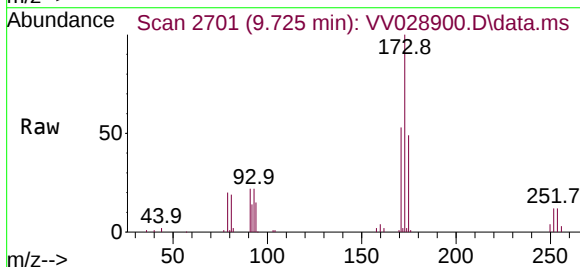
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

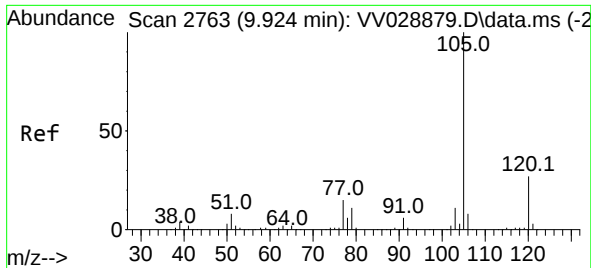
Tgt Ion: 83 Resp: 83002
Ion Ratio Lower Upper
83 100
85 63.0 45.2 84.0
131 9.7 7.5 11.3



#59
Bromoform
Concen: 5.146 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 173 Resp: 42463
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.4
254 11.0 8.5 12.7

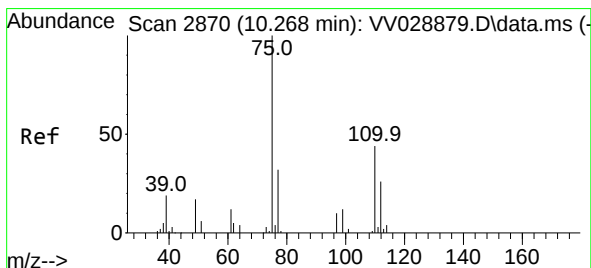
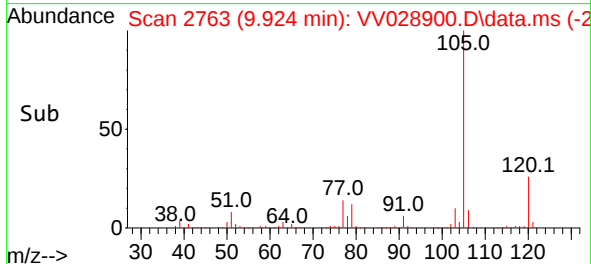
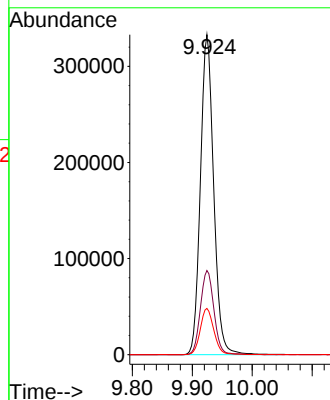
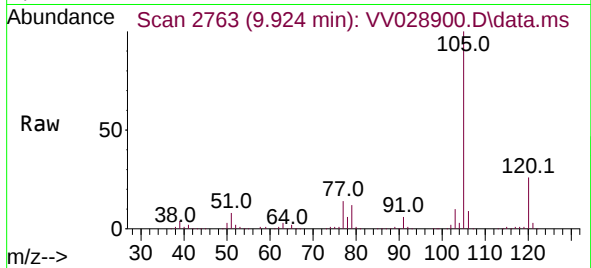




#60
Isopropylbenzene
Concen: 5.224 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

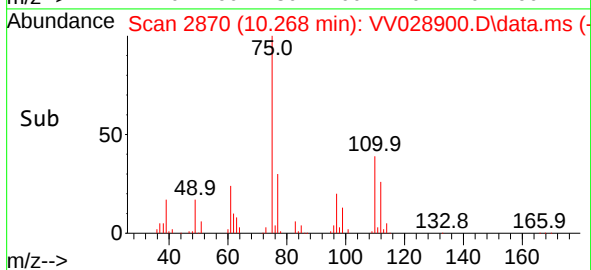
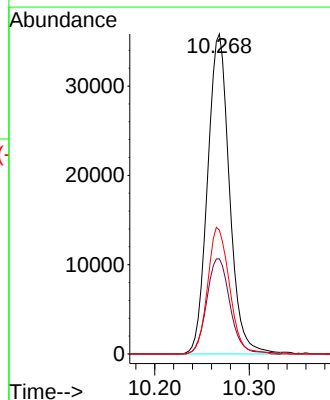
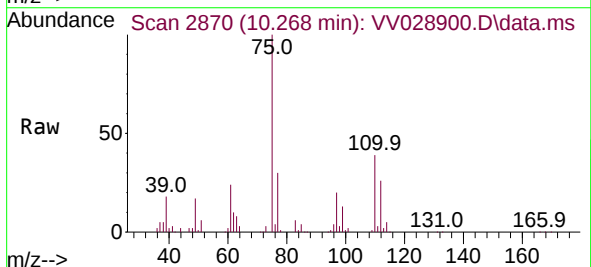
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

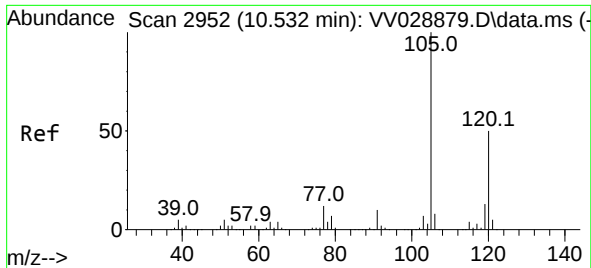
Tgt Ion:105 Resp: 513250
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.566 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 75 Resp: 57574
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 39.5 32.6 48.8

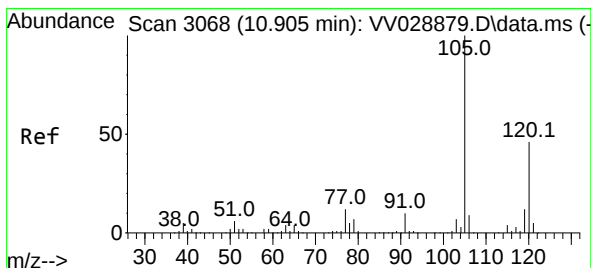
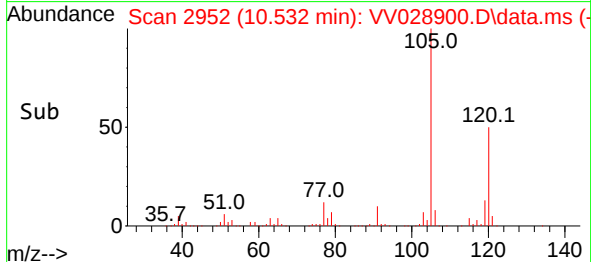
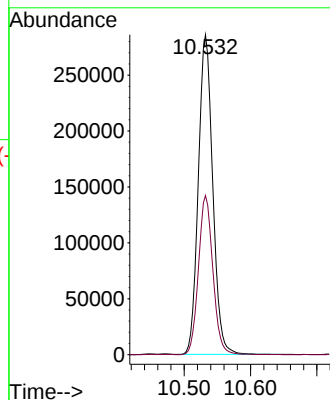
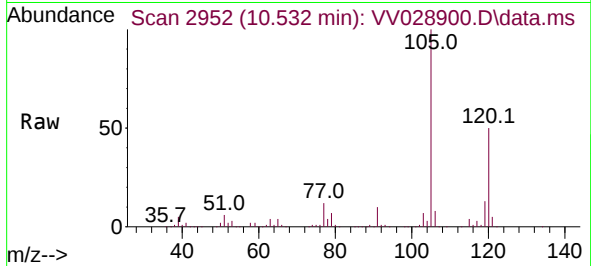




#62
 1,3,5-Trimethylbenzene
 Concen: 5.180 ug/L
 RT: 10.532 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: VV028900.D
 Acq: 12 Nov 2022 01:20

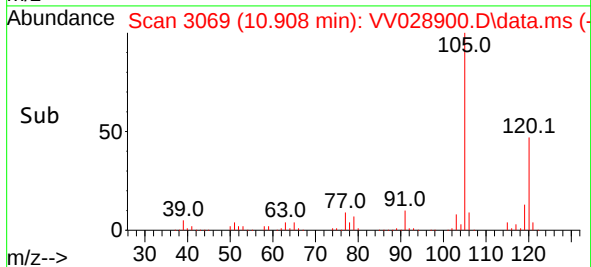
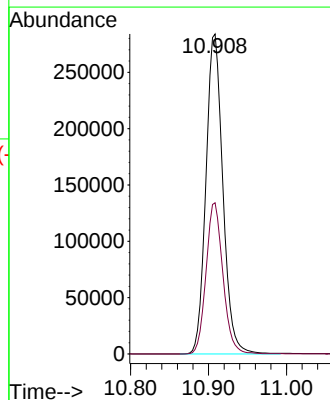
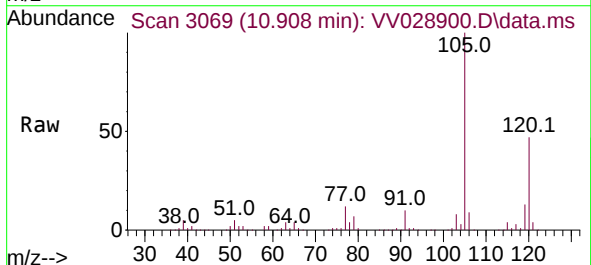
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MSD

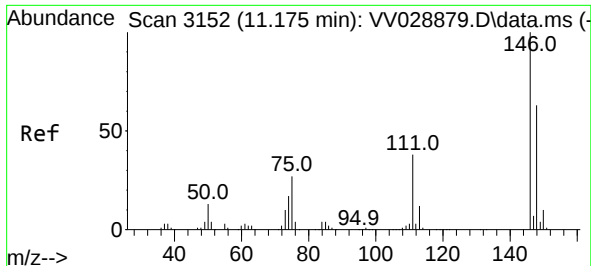
Tgt Ion:105 Resp: 431081
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.145 ug/L
 RT: 10.908 min Scan# 3069
 Delta R.T. 0.003 min
 Lab File: VV028900.D
 Acq: 12 Nov 2022 01:20

Tgt Ion:105 Resp: 428905
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.8 56.8

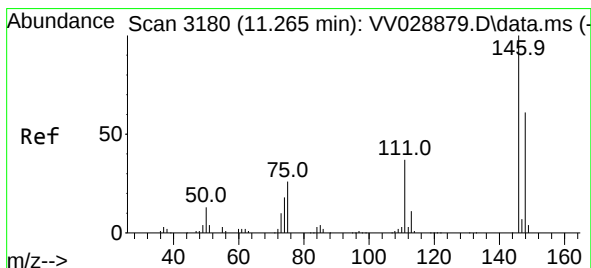
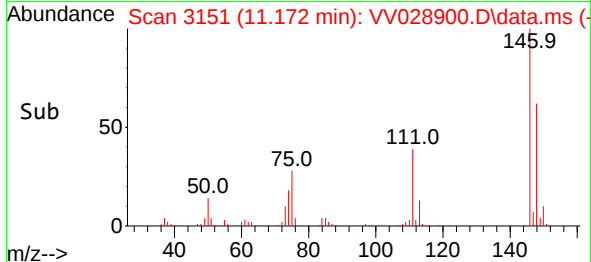
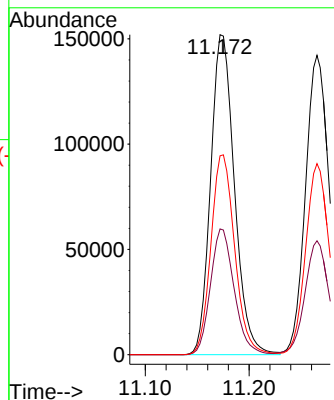
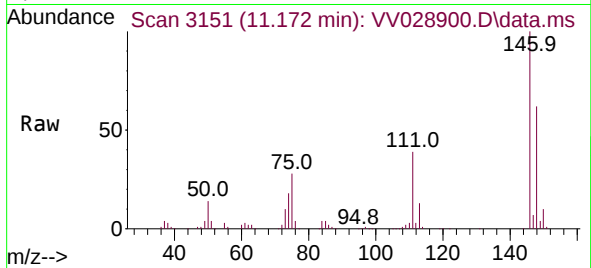




#64
1,3-Dichlorobenzene
Concen: 5.237 ug/L
RT: 11.172 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

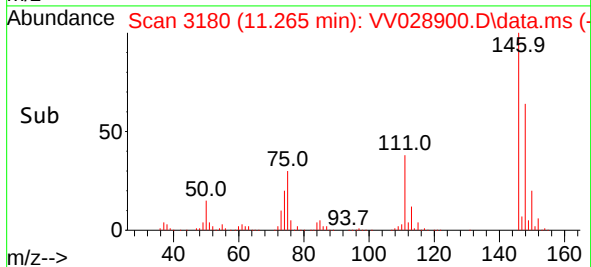
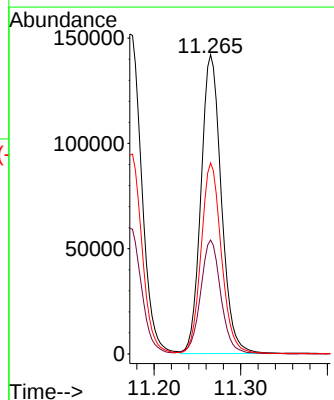
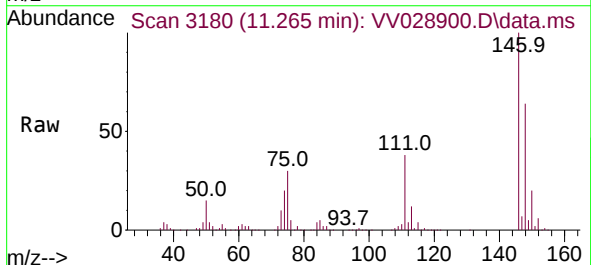
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

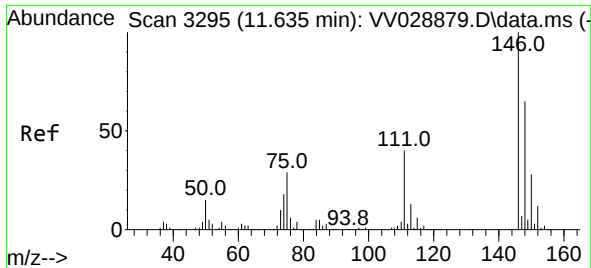
Tgt Ion:146 Resp: 241762
Ion Ratio Lower Upper
146 100
111 39.3 26.9 50.1
148 62.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.992 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion:146 Resp: 231678
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.3
148 63.8 44.5 82.7

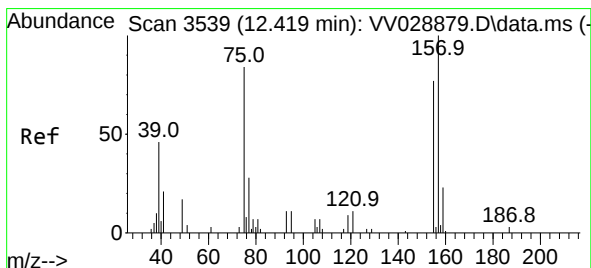
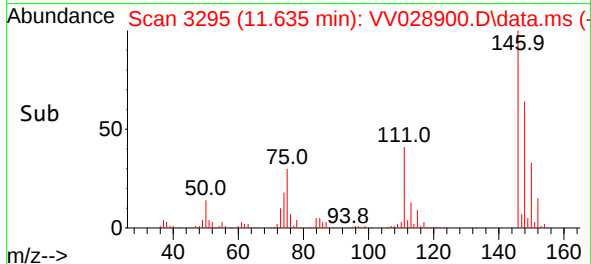
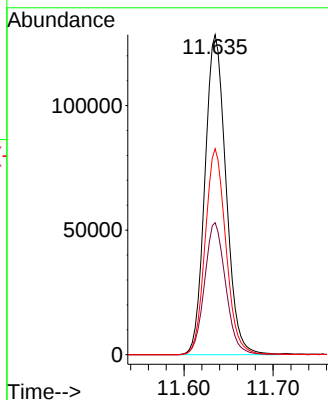
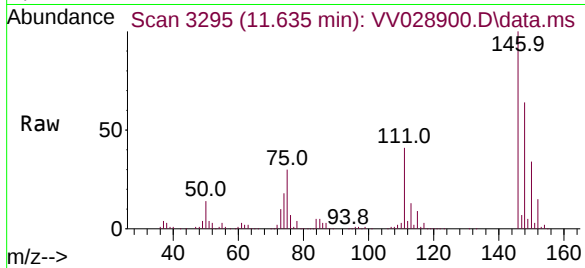




#67
1,2-Dichlorobenzene
Concen: 5.085 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

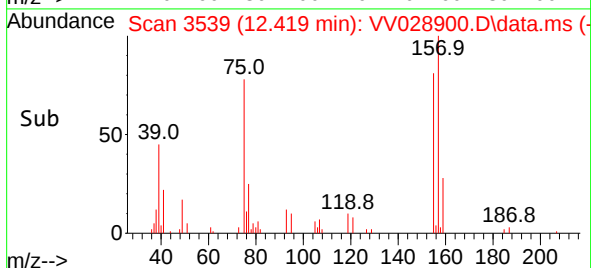
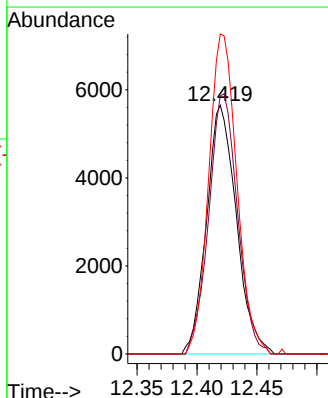
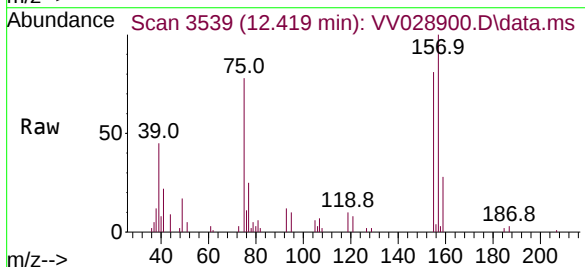
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

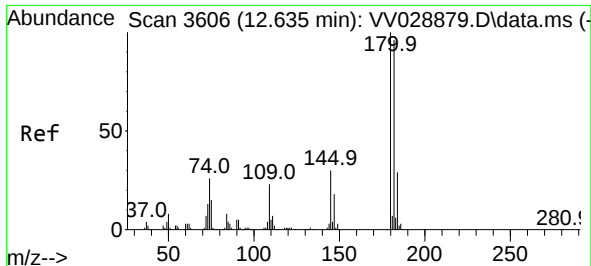
Tgt Ion:146 Resp: 210901
Ion Ratio Lower Upper
146 100
111 41.2 32.4 48.6
148 64.4 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.797 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion: 75 Resp: 9762
Ion Ratio Lower Upper
75 100
155 103.8 64.8 97.2#
157 128.7 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 4.672 ug/L

RT: 12.638 min Scan# 3606

Delta R.T. 0.003 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MSD

Tgt Ion:180 Resp: 166379

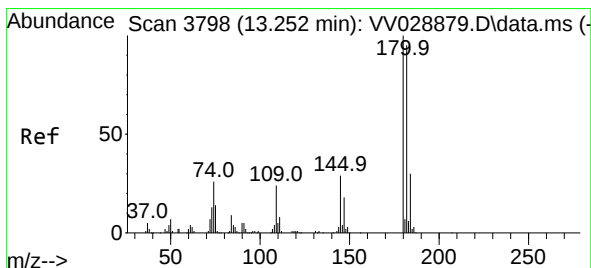
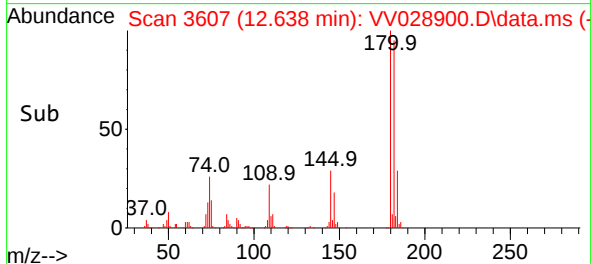
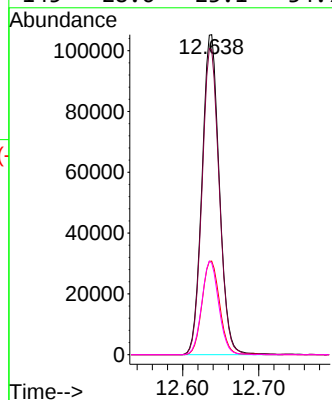
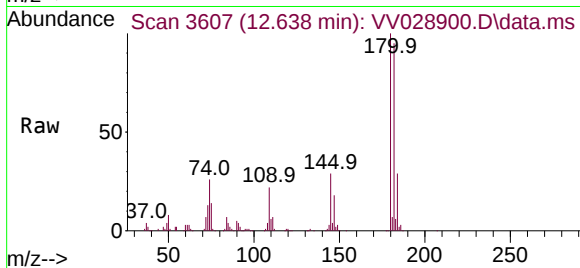
Ion Ratio Lower Upper

180 100

182 95.0 76.7 115.1

184 29.6 24.0 36.0

145 28.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.580 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.000 min

Lab File: VV028900.D

Acq: 12 Nov 2022 01:20

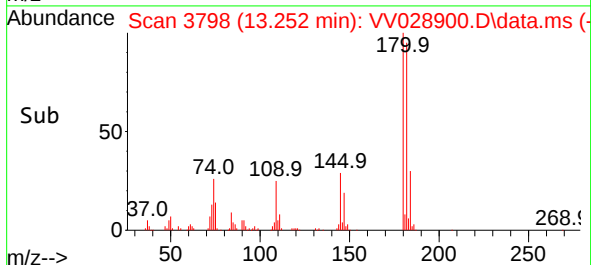
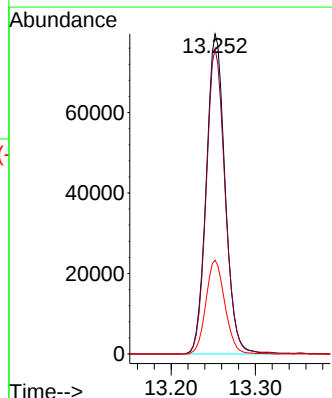
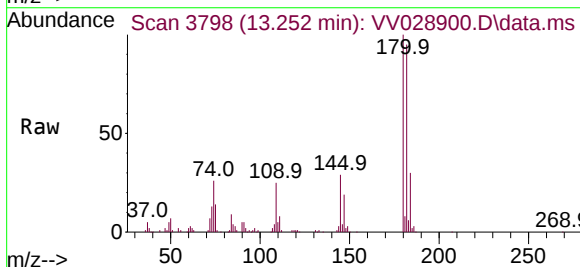
Tgt Ion:180 Resp: 123359

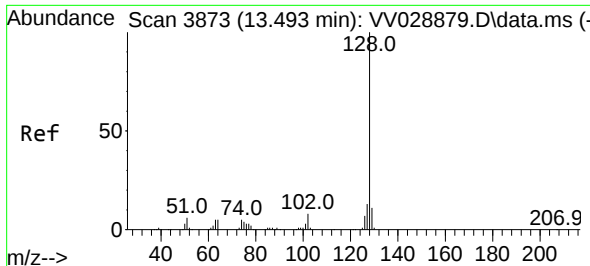
Ion Ratio Lower Upper

180 100

182 96.1 74.3 111.5

145 29.7 23.7 35.5

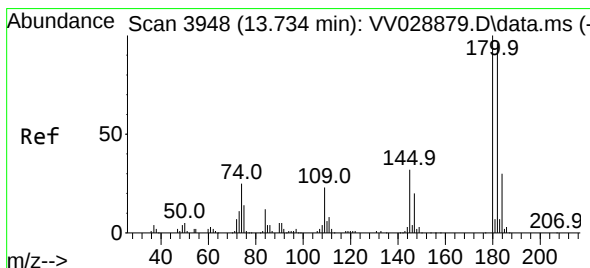
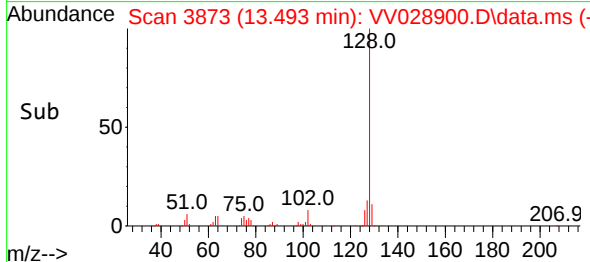
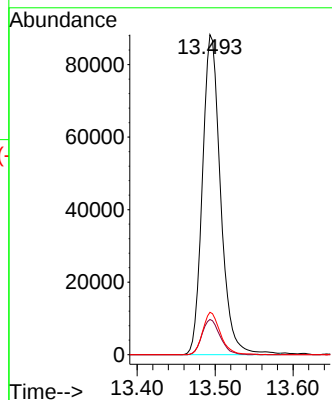
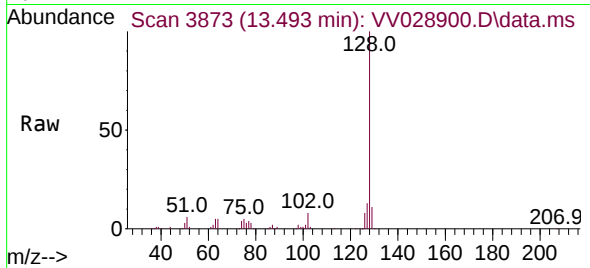




#71
Naphthalene
Concen: 4.116 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

Tgt Ion:128 Resp: 143065
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 4.636 ug/L
RT: 13.735 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VV028900.D
Acq: 12 Nov 2022 01:20

Tgt Ion:180 Resp: 105775
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.2
145 31.4 24.9 37.3

